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6257



SATURN

DAHLIAS

OF
QUALITY AND DISTINCTION

DAHLIADEL
NURSERIES

WARREN W. MAYTROT

VINELAND.
N.J.

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1941

POTASH-FED
DAHLIAS

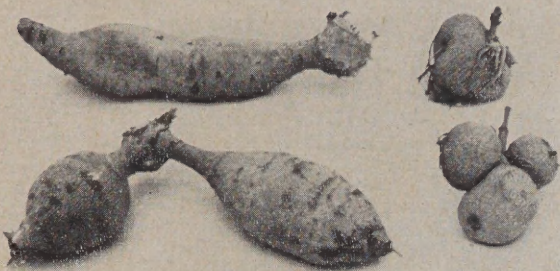


DEMOLAY (Formal Decorative)

Dahliadel 1941 Introduction

DEMOLAY (Dahliadel 85A), Bloom 9 x 5, Bush 4½ ft. A velvety crimson with heavy, dark green foliage. Certified at Storrs, 1940, and W. Va., 1939. The color is exceptionally bright and attractive. While a Formal flower, it never appears stiff and the flowers are held in a stately manner on long, strong stems. The bush is most sturdy in keeping with the flower, and very easy to grow. We believe that DeMolay will rapidly gain the foremost rank in the Formal Class, and prove a most welcome addition in the gardens of dahlia lovers. We have given this variety a rigid test in our trial grounds before introducing it and feel confident it will prove entirely satisfactory. The outstanding feature of this variety is a lustrous sheen to the velvety red, making it glisten under sun and artificial light in an arresting manner.

Roots, \$10.00; Plants, \$3.50



ROOTS



POT ROOTS

PLANT

ROOTED CUTTING

FOUR WAYS TO BUY POTASH-FED DAHLIAS

GREETINGS FOR THE 1941 SEASON

May we again present our Annual Catalog for your consideration. It has been our policy for the past twenty-six years to spare no pains in making this catalog a storehouse of useful information, as well as a salesman for our products.

We have been gratified by the favorable, spontaneous response to our caption, "The Dahlia Grower's Bible" as many of our customers call it.

We are the largest dahlia growers in the world, and yet keep in closest personal touch with our customers. We want every customer to be a friend, and feel free at all times to offer suggestions or seek our advice.

We sell only the highest grade stock, although quality goods are not always the cheapest.

May we wish you the banner year in 1941 for your Dahlia Garden.

ROOTS

Dahlia roots are divisions of field-grown clumps of dahlias. Each root must contain at least one "eye" from which the plant grows. Sturdy plants and fine exhibition flowers grow from roots, and strong clumps harvested for the following season. As the planted root acts as a food storehouse for the growing plant, the growth of the plant is thus stabilized under adverse growing conditions.

POT ROOTS

Pot roots, as shown above in relative size to the average root, should not be judged adversely because of their size. Many experienced growers prefer pot roots. Pot roots are small clumps produced by plants grown mostly in 3" pots in the open during the late summer, and transferred in the Fall to greenhouses where they are grown under controlled conditions, and allowed to ripen naturally by the end of December.

We have for years used very many of them in our own plantings, and find them in every way satisfactory. Our customers have written us as to their fine behavior. Pot roots will produce bushes and flowers equal to roots and in many varieties even better clumps on digging.

We can afford to offer them at a lower price than roots because of their economy of handling and distribution.

In order that more of our customers may have the opportunity of testing them we are including them in our Free Root Offer on page 45.

GREEN PLANTS

Green plants are sprouts or cuttings taken from clumps grown in especially built greenhouses; rooted in sand benches in air-conditioned propagating houses; potted and grown under greenhouse conditions until well established and then moved outside to cold frames for proper hardening off. When they reach you they are ready for planting.

We have established a reputation for quality of our green plants. Many hundreds of thousands have been grown and shipped by us, and our customers have found them highly satisfactory. They are, as you will notice in our lists, considerably cheaper than roots.

Their care after you receive them is fully described on page 22.

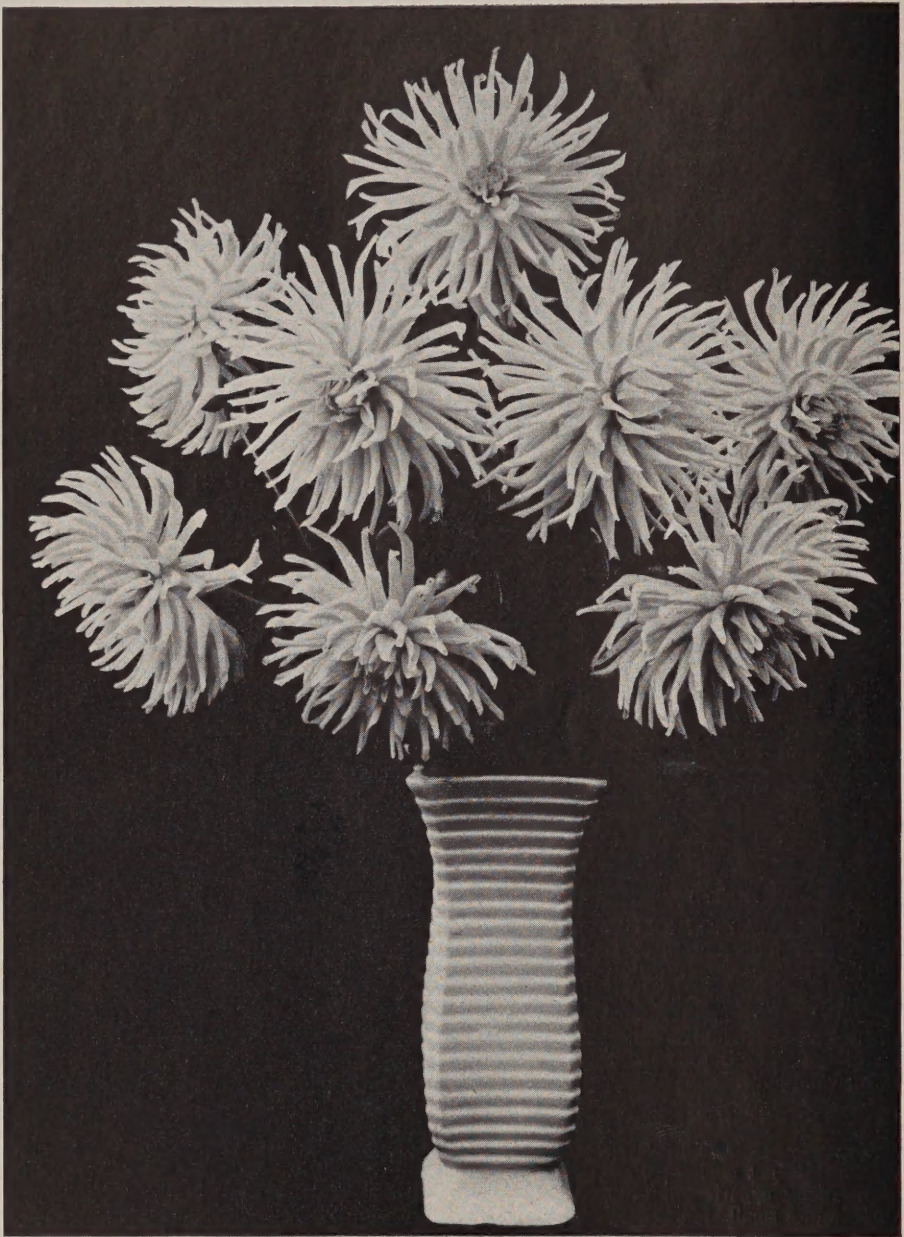
Green plants will produce flowers equal to roots or pot roots when well grown for exhibition, but will not produce as large clumps for the following season. When properly grown from healthy stock, however, many varieties will produce nice clumps.

Dahliad green plants are always properly grown, and, in our specially designed shipping box have been successfully sent all over the United States.

ROOTED CUTTINGS

Rooted cuttings are sprouts or cuttings grown exactly as described under green plants (see above) up to the point where a good root system has developed. At this stage they are taken from the sand and carefully packed in dampened sphagnum moss and wrapped in waterproof material, and shipped to the customer. Full cultural instructions will be found on page 22 for their subsequent treatment.

Rooted cuttings are the cheapest form in which dahlias can be purchased. They are 1/3 less in price than plants. For example, a variety that would sell at \$3.00 a root, \$1.00 a plant, would be .67 for a rooted cutting. By availing yourself of Quantity Discounts 3 rooted cuttings would be \$1.80, 6 for \$3.20 or 12 for \$6.00, or the price of 2 \$3.00 roots. We do not have sufficient stock to supply rooted cuttings on all of the 1941 Introductions. We will gladly advise on varieties in which you are interested. They appeal particularly to those who are equipped to properly take care of them on arrival, and they will then grow blooms and plants identical with those produced by green plants. There is no question but that they have their place for those who wish to get an early start in the more expensive varieties, or for those who like to do more of the early growing of the dahlia plants themselves.

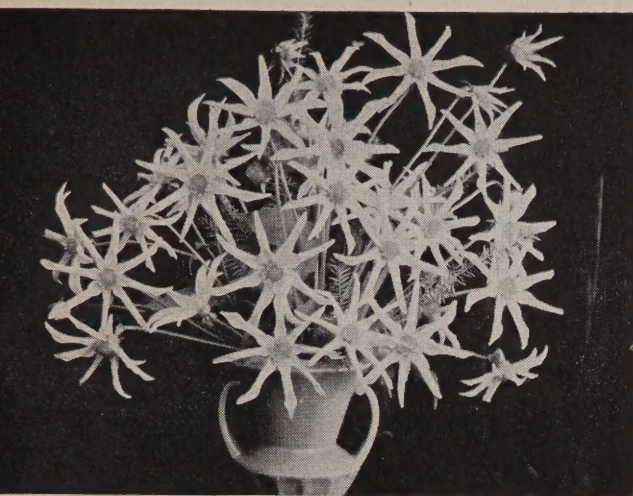


SNOWCREST (Incurved Cactus)

Dahliadel 1941 Introduction

SNOWCREST (Alexander-Dahliadel 85B), Bloom 7 x 4½, Bush 4 ft. This Incurved Cactus adequately fills a previously vacant spot in the list. Pure white in color, it greatly resembles Ballego's Surprise, but will not be in competition with it as Snowcrest is of medium size. The bush is healthy and vigorous, producing blooms in great profusion from early in the season until frost. Stems are long, small in diameter but rigid as steel, holding flowers in perfect position. We know of no dahlia with better keeping qualities. Winner of the Leonard Barron Memorial Trophy at the World's Fair, 1940, as the best undisseminated dahlia under 8", American Home Achievement Medal at the Dahlia Society of New Jersey Show, and Certified at Ohio Valley and West Virginia Trial Grounds. On 1941 Futurity and Flower Grower Honor Roll. Snowcrest responds well in rich soil, and stands a little extra fertilization.

Roots, \$7.50; Plants, \$2.50



Imp (Dahliadel)

DAHIADEL 1941 INTRODUCTIONS

IMP (Dahliadel 85S), **Bloom 3, Bush 2 ft.** An Orchid Flowering variety of clear lemon yellow. Petals are so tightly rolled, a geometric design is plainly visible at center. A decided acquisition for use in arrangements as it is extremely beautiful. The small blooms are produced in great profusion on the compact plants. A dahlia that will win on the exhibition table. Dudley's Honor Roll and Johnston's Futurity, '41. **Roots, \$3.00; Plants, \$1.00**

CANDLE LIGHT (Dahliadel 85S), **Bloom 5, Bush 5 ft.** A brilliant yellow Single dahlia. A healthy bush produces its abundance of flowers on strong stems. Named by J. W. Johnston and wife who greatly admired it because of the unusual shape of petals at center which gives one the impression of candle-light rays. On Johnston's Futurity, 1941. **Roots, \$3.00; Plants, \$1.00**

COLLEGIATE (Dahliadel 85S), **Bloom 4, Bush 2½ ft.** This Orchid is garnet red with a tan reverse, a darker coloring which is quite modern. One of the freest blooming varieties and flowers are always good. The bush is healthy and sturdy. A marvel for arrangement work. Although not startling, its rich coloring is appealing. Johnston's Futurity, 1941.

Roots, \$3.00; Pot Roots, \$2.00; Plants, \$1.00

DARK LUSTRE (Dahliadel 85S), **Bloom 5, Bush 2½ ft.** This Collarette of richest deep velvety garnet red is further enhanced by a white collar with slight carmine markings. Nature, the great artist, here has made a masterpiece in color. Bush is low and compact with good blooming habit. While we kept no popularity records of the small varieties in 1940, our visitors would unquestionably have placed this beauty in the first three on such a list. **Roots, \$3.00; Plants, \$1.00**

GUIDING STAR (Dahliadel 85S), **Bloom 4, Bush 4 ft.** A large, rich lemon yellow Orchid, with slight reddish tinges on reverse. Blooms spangle the plant from early in the season until frost. A plant or two will keep you supplied for home use. Always uniform, always good. House Beautiful Futurity.

Roots, \$3.00; Plants, \$1.00

RED EYE (Dahliadel 85S), **Bloom 2, Bush 2 ft.** Bright orange scarlet Miniature Peony with darker center jetted with bright yellow stamens, hence the name. The healthy, sturdy plants have very dark foliage. This combination makes it a wonderful landscape or border dahlia, producing in addition fine, uniform, exhibition blooms. At the shows and in our fields, it was greatly admired. Distinctive and different. Futurity, 1941.

Roots, \$3.00; Plants, \$1.00

SATURN (Dahliadel 85S), Illustrated on Cover, **Bloom 5, Bush 3½ ft.** A clear lemon yellow Collarette with yellow collar. Fine for both arrangements and landscape work. Was highly praised wherever shown. Bush sturdy and strong. Long stems hold flowers perfectly. Keeps exceptionally well. Award of Honor, Ga. and on the House Beautiful Futurity. **Roots, \$3.00; Plants, \$1.00**



RED EYE



GUIDING
STAR



COLLEGIATE



DARK
LUSTRE



1941 INTRODUCTIONS of Other Growers

Plants grown from Originator's or Introducer's Stock

ALL-AMERICAN (Salem 85A), SC, Bloom 10 x 6, Bush 6 ft. Soft carmine with orange undertone. A finely formed dahlia which won many awards in 1940 including American Home Achievement Medal at Milwaukee. Listed in all the Honor Rolls, Futurity and an Award of Honor, Ga. Plants, \$7.50

BEETHOVEN (Bruidgom), see page 30.

CLASS (Salem 85A), FD, Bloom 11 x 6. Sulphur yellow of striking size. At New York, Poughkeepsie and Chicago won top awards in the Formal Class. Bushes compact and flowers held firmly on strong stems. Plants, \$7.50

CONFUCIUS (Ballay), SC, Bloom 10 x 6. Originator's description is Oriental red of distinctive appearance and fine size. Long, stiff stems. American Home Achievement Medal at San Francisco. In the Futurity. Plants, \$10.00

CROWNING GLORY (Salem 85A), IC, Bloom 11 x 7, Bush 6 ft. Mallow pink softening to cream at center. Similar to Greater Glory but more Cactus in form. American Home Achievement Medal at Peekskill and Washington. Gold Medal winner at New York World's Fair, 1940. In the Futurity and on Lynn Dudley's Honor Roll. Plants, \$10.00

GINGER ROGERS (Burkes-Ruschmohr 85A), ID, Bloom 10 x 7, Bush 5 ft. Deep sulphur yellow. In the class where there is keen competition. Certificate winner at Storrs and many awards elsewhere. In the Futurity and Flower Grower Honor Rolls. Plants, \$5.00; 3 for \$12.50

HILLSIDE BEAUTY (Hillside 85), IC, Bloom 7 x 5, Bush 4 ft. Apricot with Tyrian rose suffusion and on reverse. One of the most beautiful of the 1941 introductions. This Incurved Cactus should take a place with its fine companion, Hillside Gold. Listed on Dudley's Honor Roll and the Futurity. Cert. Storrs. Plants, \$3.50

HILLSIDE JOY (Hillside 85A), SC, Bloom 10 x 5, Bush 4 ft. Apricot yellow with orange suffusion. A huge flower of great depth. Fine for cutting and prolific in blooms. Certificate at E. Lansing and Fairmont, 1940. Listed on Eddy's Honor Roll and the Futurity. Plants, \$3.50

LYNN FONTANNE (Lee-Parrella 85A), SC, inclined ID, Bloom 11 x 7, Bush 5½ ft. A scarlet or peach red with wonderful strong stem. Bush growth tall and robust. One of the best keeping exhibition dahlias we have noted in years. Well recommended. On Johnston's Futurity and Dudley's Honor Roll. Plants, \$7.50

MAID MARION (Southern 85A), ID, Bloom 10 x 5, Bush 5 ft. An Achievement Medal winner at Wilmington and Baltimore, and very prominent in many Eastern shows. Amber yellow shaded Phlox pink and suffused mauve in color. Similar to Freda George but all colors deeper. Good stem and nice form. In the Futurity. Plants, \$5.00

MARION SMITH (Sowton-Geneva 85A), ID, Bloom 12 x 7. This massive flower is Tyrian pink overlaid mallow pink, making it a handsome color combination. Strong, erect stems holding flowers well. Should be extremely worthwhile to add to any collection. Dudley's Honor Roll. Plants, \$3.50

MARY LYNN DUDLEY (Dudley-Ruschmohr 85A), SC, Bloom 10 x 7, Bush 5 ft. A bright oxblood red shading to Bordeaux red at center, with lighter reverse. Very good form and stems long and rigid. On Robert's Honor Roll and in the Futurity. Plants, \$3.50

MARY TAYLOR (Taylor 86E), 1940, IC, Bloom 7½ x 5½, Bush 5 ft. Rosy flesh suffused yellow at center. A fine and unusual dahlia which would easily have won the Derrill W. Hart Gold Memorial Medal for 1940 in the Medium Class, the highest award in Dahliadom, had not a few roots been sold during 1940. It was the highest scoring dahlia at Storrs, 1940 (86), also scoring 85 at E. Lansing and W. Va. A dahlia with a great future. Roots, \$3.50 Net; Plants, \$2.00

MICHIGAN RADIANCE (Wolfe 85B), SC, Bloom 7 x 5, Bush 4½ ft. Similar to Hillside Gold in color but with more orange red suffusion. This variety has long straight stems and can be highly recommended for any up-to-date planting. Plants, \$2.50

MRS. BRADLEY GEIST (Greinberg 85B), FD, Bloom 6 x 3. This pure white is a wonderful keeper and won the Darnell Cup in 1940. Flowers while not large are of excellent form for commercial use. Plants, \$2.00

ROSE MARIE (Comstock 85A), ID, Bloom 10 x 5, Bush 4 ft. Pure pink. At Storrs we were impressed by its sterling qualities. Flower Grower Honor Roll. Plants, \$5.00

SMALL VARIETIES

BETSY (Tooker-Ruschmohr 86S), M St.C, Bloom 3½ x 2½, Bush 4 ft. A very fine bright lilac with lighter tips. Keeps well within the Miniature size. Certified at Storrs, 1940. A welcome addition. Plants, \$1.00; 3 for \$2.00

BRASS BUTTON (Linduff-Ruschmohr 85S), Pom, Bloom 1¾, Bush 3 ft. Light yellow in color and consistently small. It found a place in the Honor Roll and the Futurity. Cert. at Storrs and W. Va. Plants, \$1.00; 3 for \$2.00

CLOVER (Wilson-Ruschmohr), Pom, Bloom 1½. Soft pink with a white center. Prolific in blooms all of which are small and of fine form. Certified at Storrs. Plants, \$1.00; 3 for \$2.00

EBONY (Johnson 85S), Pom, Bloom 1½, Bush 3 ft. A black red, which makes it about the very darkest of all dahlias. Long, strong stems and flowers finish into a complete ball. Awarded Gold Medal at the A.D.S. Show, New York, 1940. Plants, \$1.00

JEANIE (Golden Rule 85S), MID, Bloom 4 x 2, Bush 3 ft. This fine Miniature is apricot yellow with soft carmine suffusion. The bush is extremely rugged. The flowers are held in good position. Plants, \$1.00

MISS JULIE (Badetty 85S), Coll, Bloom 4½, Bush 4 ft. A Collarette which is unusual because of its coloring. We charted it deep crimson carmine with a carmine collar. Certified at Storrs and on Dudley's List. Roots, \$3.00; Plants, \$1.00

PEE WEE (Comito-Johnson 85S), M FD, Bloom 1½ x 1, Bush 3 ft. Pink in color. One of the smallest and most perfectly formed Miniatures. Bush growth good and sturdy. Roots, \$3.00; Plants, \$1.00



STRAIGHT CACTUS DAHLIAS

BALLERINA (Frank 85B), 1938, Bloom $7\frac{1}{2} \times 4$, Bush 5 ft. Light salmon orange with a touch of peach red. Flowers are of good size and held in good position on long stems. Bush growth exceptionally vigorous. Did finely for us in 1940. Plants, .50

DR. HELMUTH SPAT (Topsvoort 83B), Bloom 5×2 , Bush 4 ft. Clear light lilac in color, which is fine for florist work. Stems long and straight. Blooms profusely. Roots, .35

DULCINEA (Bruidgom 84B), Bloom 6×3 , Bush $3\frac{1}{2}$ ft. Soft crimson red with long pointed petals. Stems long and wiry. When well grown, is decidedly worthwhile. Plants, .50

ELLA MAY (Prentice-Dahliadel 85B), Bloom 7×5 , Bush 5 ft. A deep crimson carmine. While the color is dark, flower is quite distinctive. Stem excellent and centers full. Roots, .35

FRAU IDA MANSFIELD (Schone 85B), Bloom 7×4 , Bush $4\frac{1}{2}$ ft. Clear pale lemon color. The petals revolute and are cleft which gives the flower the appearance of extreme fullness. Early, profuse and still a favorite. Roots, .50; Plants, .50

HILLSIDE GOLD (Hillside 85B), 1939, Bloom $7\frac{1}{2} \times 4$, Bush $3\frac{1}{2}$ ft. This golden yellow with an apricot glow is a dahlia whose sheer beauty has made it very popular. Bushes branch naturally and flowers are held well above foliage, making it a beautiful sight in the garden. A fine keeper for exhibition, cutting and baskets. Roots, \$3.00; Pot Roots, \$2.00; Plants, \$1.00

JEAN PARTURET (France 85A), Bloom 10×5 , Bush $4\frac{1}{2}$ ft. Canary yellow of excellent artistic form. The blooms are large and deep, with petals long, narrow and deeply serrated. Stems good and flowers held well. Centers always good. Most profuse in blooms and bush growth sturdy. Roots, .75; Plants, .50

JERSEY DAINTY (Waite 85B), Bloom 7×3 , Bush 5 ft. White which is faintly tinged lavender, but is almost pure white late in season. Fine for exhibiting and cutting. Blooms held on long, straight stems. Healthy plant growth. Roots, .35

MARIETTA E. (Eldridge-Dahliadel 85B), 1939, Bloom 7×3 , Bush $3\frac{1}{2}$ ft. Clear canary yellow which is sun-resistant. Has had an impressive regime of winnings including a certificate at Storrs, and an American Home Achievement Medal. A fine variety when well grown, but bush is not particularly vigorous under ordinary culture. Futurity Medal, 1939. Roots, \$2.00; Pot Roots, \$1.30; Plants, .75

MISS BELGIUM (Nagels 85B), Bloom 6×4 , Bush $4\frac{1}{2}$ ft. An even shade of bright orange making it useful with other flowers. Blooms always full and held on long, straight stems. This variety is worthy of a place in any planting as it gives universal satisfaction. Roots, .50; Pot Roots, .35; Plants, .50

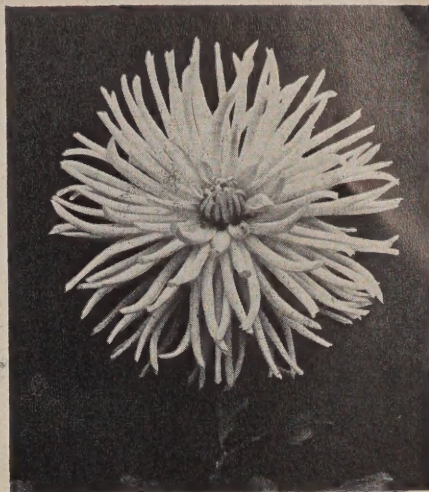
MRS. BRUCE COLLINS (Fenton-Dahliadel 84A), Bloom 9×4 , Bush 4 ft. Blooms very early. Primrose yellow shading lighter toward tips. Must be pinched out and side pruned to get a bush in proportion to blooms. Blooms continuously and particularly good in the South. Roots, .50

MRS. HERBERT O'CONOR (Berwick-Dahliadel 85A), Bloom 9×5 , Bush $5\frac{1}{2}$ ft. This artistic dahlia is a bright rose pink shading to deep rose pink at center. Usually classified as a Straight Cactus, it sometimes has a tendency to incurve. Bush growth is tall and flowers produced in large numbers. Stems, strong and flowers face nicely. Cert. O.V.D.A. Roots, .50; Plants, .50

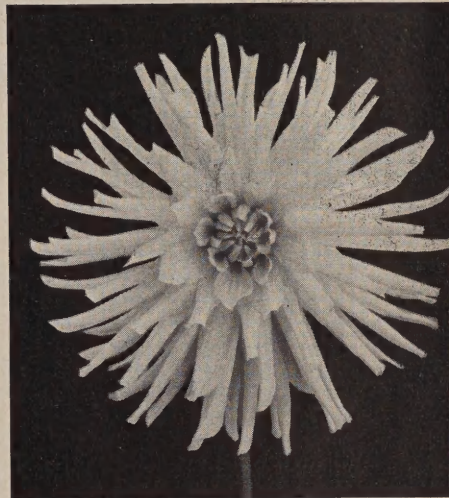
NAGLES' ORANGE (Nagles 85B), Bloom 6×3 , Bush $3\frac{1}{2}$ ft. Distinctive orange red in color and a decidedly worthwhile variety. Bush vigorous and foliage heavy. Stems are long, rigid and hold blooms nicely. Centers full. Plants, .50

SAARLAND'S HEIMKEHR (Woditscka 85B), Bloom 7×4 , Bush 3 ft. Deep rose pink shading to and tipped pale lemon. Fine slender petals. Full centers all season, with excellent stems. Award of Honor, Ga. Roots, .50; Pot Roots, .50; Plants, .50

THE OHIOAN (Frank 84B), 1938, Bloom $6\frac{1}{2} \times 5$, Bush 5 ft. Color, bright peach red, almost spectrum red. Flowers evenly formed, good centers, strong stems. Roots, .75; Plants, .50



Marietta E.



Mrs. Herbert O'Connor



HILLSIDE GOLD



Miss Ohio



INCURVED CACTUS DAHLIAS

MISS OHIO (Frank 85B), Bloom 7 x 5½, Bush 5 ft. Color, lilac suffused deep rose pink. This variety always has a fine full center and blooms profusely from early in the season until frost. Bush rather open with flowers held well above the foliage, on slender but rigid stems. When not disbudded, produces blooms which literally cover the bush. Disbudded the blooms are of exhibition size. Certified at Storrs. **Roots, .75; Plants, .50**

BERNICE GEER (Geneva-Ruschmohr 84B), Bloom 8 x 5, Bush 5 ft. Deep rose pink with old rose suffusion. High, full centers. Blooms freely on long, strong stems.

Roots, \$1.50; Pot Roots, \$1.00; Plants, .50

DOMINANT (Bruidegom 85A 85B), 1939, Bloom 8 x 5, Bush 4 ft. Rose pink suffused lilac changing to sulphur yellow at center. The most artistic and finely formed flowers are held in perfect position on long strong stems. Bush growth rugged and foliage heavy. Without question, one of the most beautiful and satisfactory newer dahlias, which we unhesitatingly recommend. **Roots, \$1.00; Plants, .50**

FLASH (Salem 84A 85B), 1940, Bloom 8 x 5, Bush 4½ ft. A striking and unusual bi-color of moderate size. Petals are crimson with white tips and are serrated doubly, one set of serrations pointing one way, the other set opposite. Made an enviable reputation on the show table in 1939, but seemed to fall back some in 1940. Substance of flower not good as the blooms do not keep well when cut. Like many bi-colors some blooms are marked irregularly. **Roots, \$7.50; Plants, \$2.50**

GOLDEN STANDARD (Downs 85A), Bloom 9 x 5, Bush 4½ ft. A warm buff shaded amber and gold. Very pleasing in form with full centers and evenly arranged petals. Like a number of other Incurved Cactus dahlias, at times it is inclined to be Straight. Bush is a good open grower. Excellent stems holding flowers in good position. An older variety which is hard to beat in its color class. **Roots, .50**

LADY ALICE (Stredwick), Bloom 10 x 5, Bush 3½ ft. Light lemon shading to almost white at tips. This variety has a marvelous form, and is as beautiful as any, but is very late coming into bloom. Should be planted very early.

Roots, \$2.00; Plants, .75

LEIDEN'S ELEGANCE (Ballego 84B), Bloom 7 x 3½, Bush 3 ft. A light cardinal in this class is welcome and especially one with long, erect stems. Good form and does well under ordinary culture. Fine for florist use. **Roots, .35**

LILAC GLORY (Ballego 85B), Bloom 6 x 2½, Bush 4½ ft. The old reliable Cactus—always good—always in demand. Color is soft violet rose with silver shadings. Stems, slender but as rigid as iron. Blooms early and continuously. Bush open and strong. The seed parent of our new Snowcrest, which inherits many of its good qualities. **Roots, .35**

MASCOTTE (Bruidegom 85B), Bloom 7 x 4, Bush 5 ft. A Holland variety of soft Tyrian pink shading deep rose. Flowers held on long stems in good position. Centers full and back of bloom good.

Roots, .75; Plants, .50

MME. GEORGE PEZANT (Pezant 85B), Bloom 8 x 4½, Bush 3 ft. Bright scarlet of true Cactus form. Stems good and flower held well. Bush growth somewhat short. This variety needs some shading to produce perfect blooms. When well grown, is very fine. **Roots, .75; Pot Roots, .50; Plants, .50**

NANCY ANN MITCHELL (Mitchell-Ruschmohr 85B), Bloom 7½ x 5, Bush 5 ft. Vivid scarlet of good size and depth. Bush of good size with leathery foliage. A very pretty flower which should be fine for basket and arrangement work. **Plants, \$2.00**

PINK SPIRAL (Bruidegom 85B), Bloom 7 x 4, Bush 4½ ft. Peach blossom pink with yellow at center. Bush growth good and flowers held well on good stems. Very artistically formed flowers. **Roots, .50**

RED SPIDER (Dahliaedel 84A), Bloom 9 x 5, Bush 5 ft. An English type Cactus of deep crimson color. Robust growing plant branching nicely. This variety would be marvelous were the stems always able to support the blooms.

Roots, .50; Pot Roots, .50; Plants, .50

ROYAL PURCHASE (Salem 84A), Bloom 10 x 5, Bush 4½ ft. Color is straw yellow with outer petals suffused pink. This shaggy variety is really massive enough to go with the Semi-cactus dahlias, but the long, slender petals revolute sufficiently to qualify it as a Cactus. Blooms are deep, full and held nicely out of the foliage on strong stems.

Roots, .75; Pot Roots, .50; Plants, .50

SON OF SATAN (Slocum 85A), Bloom, 11 x 5, Bush 5 ft. This variety is an improvement over Satan as it is a bright scarlet and has stronger stems. Although the petals revolute sufficiently to bring it into the Incurved Cactus Class, under varied conditions it will develop into a Semi-cactus.

Roots, \$1.50; Plants, .50

YELLOW GIANT (Ballego 85B), 1939, Bloom 8 x 4, Bush 4½ ft. Soft clear lemon of very fine form. Stem long and flowers held well. Bush growth open and rugged. Centers of flowers full and back good. An early and profusely blooming variety which is popular. Certified at Storrs.

Roots, \$5.00; Pot Roots, \$3.25; Plants, \$2.00



SEMI-CACTUS DAHLIAS

AIKO (Dahliadel 84A), Bloom 10 x 4½, Bush 4½ ft.

Cardinal or deep carmine, with a silver reverse showing at the center and tips, making it unusual and spectacular. Bushes are strong open growers. Reacts well in heavy soil. Some few flowers may be off form but sufficient number come true to make it quite satisfactory.

Roots, .75; Pot Roots, .50; Plants, .50

AMERICAN PURITY (American D. F. 85A), Bloom 10 x 8, Bush 4½ ft.

A fine, large, deep white on strong, erect stems. Its substance and keeping qualities make it an ideal exhibition dahlia. Bush growth good and foliage in proportion. Achievement Medal winner and still found in many shows.

Roots, \$1.00; Plants, .50

ANDRE CSIZIK (Ballego 84B), Bloom 5½ x 3, Bush 5 ft.

Bright violet rose of an intense shade. Stems good, holding flower in good position. Early, profuse blooms which are fine for exhibition or home use.

Roots, .35

BETTE DAVIS (Cordes-Eastman 85A), Bloom 9 x 5, Bush 5½ ft.

A rosy lavender of very fine form. Stem strong and flower held in good position. Bush growth robust and foliage heavy. Difficult to propagate, stock limited.

Plants, .50

EVELYN CHANDLER (Ballay 84A), 1940, Bloom 9 x 5, Bush 4½ ft.

Bright golden apricot with deeper shadings on reverse which show through, especially at center of flower. Has been called a Golden "Satan." Can be grown very large with extra culture.

Plants, \$2.50

GREATER GLORY (Salem 85A), Bloom 11 x 5, Bush 5 ft.

A tall, vigorous bush with healthy foliage, and very artistic blooms. Classified as a Semi-cactus but at the end of the season the petals roll, coming close to a Cactus. Color, a deep rose pink shading to sulphur yellow at center. Winner of many prizes.

Roots, \$2.00; Pot Roots, \$1.30; Plants, .75

GRETEL (Bauer 83B), Bloom 6 x 3, Bush 3½ ft.

Best described as a large and darker Miss Belgium. Color, a soft fiery red. This variety is very satisfactory for cutting.

Roots, .35

ISIS (Foreign 85B), Bloom 7 x 3, Bush 4 ft.

Very fine apricot salmon with bronze center. Plant is a blaze of color from early till late. A sturdy, well-proportioned bush. A beautiful garden variety of fine form, useful for decorating and arrangements.

Roots, \$1.00; Pot Roots, .65; Plants, .50

KARL BONAWITZ (Dahliadel 85B), Bloom 8 x 5, Bush 5½ ft.

The brilliant, velvety carmine flowers are artistic and graceful in form. Naturally develops a well proportioned bush with fine blooms on long stems. It is a wonderful keeper and arranges well with lighter dahlias.

Roots, .50

KAY FRANCIS (Cordes-Eastman 83A 85B), Bloom 8 x 5, Bush 5½ ft.

A deep, soft lemon yellow, slightly darker than Frau O. Bracht. High-centered with many petals. A rugged grower with sturdy stems. branches freely.

Roots, .50



LIMELIGHT (Dahliadel 85A), 1938, Bloom 9 x 5, Bush 3 ft.

Pointed petals of soft sulphur yellow with blooms larger and deeper but similar to Frau O. Bracht, and a variety that is much easier to grow. Its name describes its color perfectly. A semi-dwarf growing bush that fits into landscape planting. Not easily damaged by storms and gives good exhibition blooms. It has erect stems, long enough for cutting when disbudded and is prolific in blooms.

Roots, \$1.50; Pot Roots, \$1.00; Plants, .50

KILGORE'S LUCIFER (Kilgore 84A), 1940, Bloom 12 x 8, Bush 6 ft.

A fine red flower of enormous size. Bush growth very tall and open. Flowers of fine form, on stems which are strong and rigid. Very fine at Baltimore show in 1940, and worthy of serious consideration.

Plants, \$2.00

PRACHTKERL (Werner 84B), Bloom 8x4, Bush 4½ ft.

A seedling of Frau O. Bracht, deeper in color, which is primrose yellow. Very beautiful but some centers come open.

Roots, .50; Plants, .50

SATAN (Ballay-Success 84A), Bloom 10 x 4, Bush 6 ft.

Color, scarlet with yellow on reverse of petals showing at the center. Stems are very long and may need some support in wet weather. Very showy in the garden. Bushes tall and rugged. Flowers are uniformly large and of regular formation, keeping well when cut. Certified at Storrs.

Roots, .50

TROPIC STAR (DeRuyter 85B), Bloom 5 x 3, Bush 3½ ft.

Orange red with bright yellowish orange center. Blooms rather small but produced in greatest profusion from early until late. Well recommended and should make a fine cut flower.

Plants, .50

ZUIWN (Japanese 85B), Bloom 6 x 3, Bush 3 ft.

Color makes a flower at times, and that is just what happens with this variety. A bright crimson carmine. It is of very pleasing form on wiry stems. At times this variety will qualify for a Straight Cactus.

Roots, .75; Pot Roots, .50; Plants, .50



Consul Gen. Quist



large and impressive flower, which, because of its great depth, appears even larger. Bush growth stocky and healthy. A real novelty.

Roots, \$1.50; Plants, .50

LAETARE (Bruidgom 85B), Bloom 6 x 3, Bush 4½ ft. Orange red edged chrome yellow. This bicolor is most attractive and a favorite with our visitors. Bush growth strong and foliage healthy. Stems long, strong, and hold flowers well.

Roots, .50; Pot Roots, .50; Plants, .50

MISS GLORY (Ballay 85A), Bloom 10 x 5, Bush 4 ft. A fine deep yellow with apricot suffusion, outstanding for exhibition purposes. Petals rolled and incurved nicely. Bush growth sturdy, and flowers are held above foliage on long, strong stems. Has had a long run of popularity.

Roots, .75; Pot Roots, .50; Plants, .50

PAUL PFITZER (Berger 85B), Bloom 7½ x 4, Bush 4 ft. This variety has been very satisfactory for arrangement work, as it is a most pleasing combination of sulphur yellow and lilac rose which blends well with other dahlias. Strong, vigorous plants with good blooms held well above the foliage.

Roots, .50; Plants, .50

SEMI-CACTUS DAHLIAS—Cont'd

CONSUL GEN. QUIST (Ballego 85B), 1939, Bloom 8 x 5, Bush 4 ft. One of the most beautiful of the newer introductions. Soft cameo pink shading lighter with soft yellow shadings. Good stems. A decided acquisition and a dahlia which has come to stay. Futurity, '40.

Roots, \$1.50; Pot Roots, \$1.00; Plants, .50

BALLEGO'S SURPRISE (Ballego 85A), Bloom 9 x 5, Bush 5 ft. One of the very finest dahlias grown. Pure white of excellent form, with deep, full-centered flowers nicely held on strong, straight stems. A standard variety whose popularity is great, and winnings legion. Does especially well from pot roots.

Roots, .75; Pot Roots, .50; Plants, .50

ENKART PRIMA (Belgium 85A), Bloom 9 x 5, Bush 4 ft. Salmon with gold center. A rugged plant with very vigorous foliage. A beautiful color and a worthwhile dahlia.

Roots, \$1.50; Pot Roots, \$1.00; Plants, .50

FRAU O. BRACHT (Berger 85A), Bloom 9 x 4½, Bush 5 ft. Color, clear primrose yellow. An old variety which can be used for cutting as well as exhibition. Usually classified as a Semi-cactus but some blooms revolute enough to qualify it as a Cactus. Bush somewhat temperamental as to climatic requirements.

Roots, .75; Pot Roots, .50; Plants, .50

JULIUS C. BUNGE (Carlee 85B), Bloom 7 x 4, Bush 4½ ft. In color, is a pure bright pink without any lilac or violet. In form, it is perfect and flowers are held well above foliage. Bush growth good with heavy foliage. Early and profuse blooming habits. A fair root maker. Award of Honor, Ga.

Roots, \$1.50; Plants, .50

KOKI (Japan 85A), Bloom 10 x 7, Bush 4½ ft. Soft carmine with buff reverse showing at tips. Petals twisting and whirling pin-wheel fashion. A

RED JUG (Preas-Ruschmohr 85A), Bloom 8½ x 5, Bush 5 ft. A remarkable brilliant crimson carmine with faint yellow tips. It comes close to a true Cactus at times. Stems are cane-stiff and hold the flowers perfectly facing. Foliage is insect-resistant. Cert. at Storrs.

Roots, .75; Plants, .50

ROULETTE (Johnson 85B), 1939, Bloom 7 x 4, Bush 4½ ft. An appealing variety of bright Phlox pink with a white center. Artistic and unique petal formation.

Roots, \$2.50; Plants, \$1.00

WHY NOT VISIT US AT DAHLIADEL?

Nothing gives us greater satisfaction than to have crowds of visitors. Of course there is more to see during September and October when our fields are an exotic mass of color, but our latch string is out at all times. Even in winter a trip to our green-houses or our air-conditioned propagating houses is both interesting and instructive.

We try to contact as many of our visitors as possible with our staff, and to cheerfully give any information desired. We are often helped by your criticisms and suggestions, and welcome individual opinions of various varieties.

On our Field Days we are literally swamped. We staged a daily flower show in one of our buildings, emphasizing, as we did in our exhibits at the various shows, the adaptability and worth of the dahlia in arrangement work. We were the recipients of many kind words from our visitors over this innovation and expect to continue this exhibit in 1941.

Many of our visitors never realized how well the dahlia fits into arrangement work and were loud in their expressions of amazement.

If you cannot visit us here, we would be happy to meet you at the shows where we exhibit or judge. So try and arrange to come, and if from a distance, we will gladly furnish auto routes to Dahlia-del.



SEMI-CACTUS DAHLIAS—Cont'd

AMELIA EARHART (Cordes-Eastman 85A), Bloom 12 x 6, Bush 4 ft. The fine color of this variety is apricot buff with salmon tints shading to soft yellow at base of petals. While in the past it was temperamental, we have carefully selected and rogued until our stock is very satisfactory. The massive flowers are most attractive and still a contender in the shows. **Roots, .75; Plants, .50**

COLOR SERGEANT, Bloom 10 x 4, Bush 5 ft. A deep salmon bronze without any other shadings. **Roots, .35**

DORCAS ANN (Williams-Dahliadel 83B), Bloom 7 x 5, Bush 4½ ft. This dahlia is beautiful rose pink shading to creamy white at center. Bush, healthy and robust. Strong stems which hold flowers in good position. **Roots, .35**

EDNA FERBER (Sanhican 84A), Bloom 9 x 4, Bush 5 ft. Glistening coral shading to old gold at base of petals. This old variety has met the test of time, and is still a very good dahlia. Bush, a strong grower with dark green foliage. **Roots, .50**

JEAN TRIMBEE (Trimbee 85A), Bloom 10 x 5, Bush 5 ft. Massive yet artistic, with long, revolute petals that curl and twist. The color is a beautiful Petunia purple. Very popular as an exhibition dahlia. A tall, vigorous grower, with long, erect stems. **Roots, .50; Pot Roots, .50; Plants, .50**

JESSICA DRAGONETTE (Jones-Alling 85A) Bloom 12 x 6, Bush 5 ft. Produces an abundance of wonderful exhibition blooms with good keeping qualities on real stems. Color is a fine color combination of buff apricot suffused peach and mauve. Large flowers of perfect form with beautifully pointed petals. A poor root maker. **Roots, .75; Pot Roots, .50; Plants, .50**

KENTUCKY SWEETHEART (White 85A 84B), 1940, Bloom 8 x 4, Bush 5 ft. Deep rose pink with lavender edging. This new variety is somewhat similar in coloring to Mary Retzer, and to some is even more attractive. The strong branching bush makes a sturdy growth and produces its flowers on strong stems which hold the flowers well. Award of Honor, Ga., 1938. **Roots, \$5.00; Plants, \$2.00**

MAESTRO (Ballay 85A), 1940, Bloom 10 x 5, Bush 3½ ft. Oxblood red with purple reverse. Here is a fine red of good size, fine substance, good center and strong, erect stems. Considered by some, one of the best reds. Is very late coming into bloom and should therefore be planted early. **Plants, \$2.50**

MAFFIE (Exnar-Johnson 85A), 1940, Bloom 12 x 6, Bush 6 ft. Intense carmine of stupendous size. Maffie leads the list of Futurity Medal Winnings in 1940, and was unquestionably one of the most spectacular exhibition dahlias shown. The tremendous size of this dahlia puts considerable strain on the stem. Bush growth is very rugged and foliage exceptionally heavy. **Plants, \$3.50**

MARY RETZER (Retzer 85A), Bloom 9 x 4, Bush 5 ft. A sport of Edna Ferber with better stems. Color, a soft orchid pink, inclined to rose pink. A very pretty dahlia that is very popular and satisfactory as it is early, a strong healthy grower, with a color greatly admired. **Roots, .50**



Treasure Chest

TREASURE CHEST (Dahliadel 85B), Bloom 7½ x 6, Bush 3½ ft. This golden yellow variety suffused coral red is of a fine rich tone. In general, might be termed gold. The handsome, perfectly formed flowers have the unusual quality of growing in water, which make it one of the best cut flower dahlias grown, and wonderful for arrangement work. Bush growth rather low, but well branched. A very practical dahlia with long, well-proportioned stems. **Roots, .75; Pot Roots, .50; Plants, .50**

MIRIAM HOPKINS (Cordes 84A), Bloom 12 x 5, Bush 6 ft. A seedling of Amelia Earhart, quite similar in color but with a loose and shaggy formation. In color it is soft salmon pink with carmine suffusion. Bush growth is tall and robust, with flowers produced on long, strong stems. At times develops into an Informal Decorative. **Roots, .75; Pot Roots, .50**

MODEL 999 (Lakeside 85A), 1939, Bloom 10 x 6, Bush 4½ ft. A seedling of Satan, of a fiery red with gold reverse. The flower has a high full center, and can easily be grown large. The bush growth is extremely rugged, well-branching and flowers are produced on long stems. Named after Henry Ford's first racing car. **Roots, \$3.00; Pot Roots, \$2.00; Plants, \$1.00**

PACIFICA (Ballay 84A), 1940, Bloom 10 x 6 Bush 5 ft. Golden yellow at center with outer petals pale yellow with a white reverse. Petals have a tendency to whirl. Bush is tall, but not exceptionally rugged. **Plants, \$2.50**

PRIDE OF AMERICA (American D. F. 84A), Bloom 9 x 6, Bush 5 ft. A full, deep Semi-cactus that opens back almost to the stem. Color, clear primrose yellow with a tinge of pink on the reverse of petals. Stems are strong. Foliage medium dark. Still popular. **Roots, .75; Plants, .50**

YOUR LUCKY STAR (American D. F. 84A), 1939, Bloom 9 x 4, Bush 4½ ft. Amaranth pink with white center. Appeals to those who like light shades. Formation very regular. Stems are ideal. Plants are healthy and easy to grow. Centers are always good. **Roots, \$3.00; Plants, \$1.00**



SEMI-CACTUS DAHLIAS—Cont'd



Miss Elsie Jane

MISS ELSIE JANE (Dahliadel 86B), Bloom 6 x 4, Bush 4 ft. About the most artistically formed dahlia in the entire list. In color, too, it is most unusual, being a shrimp pink with cream shadings at center and tipped violet rose. Disbudded the flowers can easily be produced 6 x 4 inches. Blooms freely from early until frost. For sheer beauty character, floriferousness, long wiry stems and all-around usefulness, we heartily recommend it. **Roots, .50; Pot Roots, .50; Plants, .50**

E. B. HUTCHINGS (Chappaqua 85A), Bloom 9 x 6, Bush 4 1/2 ft. Amaranth pink with a very good center. Flowers produced on long, erect stems and held in good position. The petals are long and narrow which make the flower very graceful. **Plants, \$1.50**

KARDINAL VAN ROSSUM (Bruidgom 84A), Bloom 9 x 5, Bush 4 ft. True purple with a lighter reverse. The blooms are good size, excellent formation and very attractive. Bush growth is satisfactory with blooms produced in great profusion. Because of its fine color, is recommended highly. **Plants, .50**

SALMON GIANT (Imported 84A), Bloom 9 x 6, Bush 3 1/2 ft. A strong, healthy grower producing uniform and artistic blooms nearly facing up on strong stems. Color, deep rose pink shading lighter at tips with apricot suffusion at center. **Roots, .50; Plants, .50**

YELLOW GLORY (Frey-Dahliadel 85A), 1940, Bloom 12 x 7, Bush 5 ft. This variety, illustrated on back cover, is a finely formed variety of clear, lemon yellow which grows to good size. The high, full center and artistic wavy petals give it a regal appearance. Stems strong, and blooms held in good position. Foliage is exceptionally dark for a yellow variety and bush growth good. Certified at Storrs. A seedling from the gardens of Conrad Frey, nationally known dahlia judge, and President of the A.D.S. **Roots, \$5.00; Pot Roots, \$3.25; Plants, \$2.00**

YOWU-MATSUOKA (Japan 85A), Bloom 10 x 5, Bush 5 ft. A very interesting variety either Straight or Incurved Cactus, or Semi-cactus. Color, oxblood red shading lighter, very similar to Cherokee Brave. Does well either grown in a cloth house or in the garden. Stems and foliage are excellent. **Roots, \$1.50; Pot Roots, \$1.00; Plants, .50**

INFORMAL DECORATIVE DAHLIAS

VIRGINIA
RUTE

CITY OF CLEVELAND (Hillside 84A), Bloom 10 x 5, Bush 4 1/2 ft. Worthy of a place in any garden as it is a strong, healthy grower, and produces large uniform well-formed blooms throughout the season. Flowers are of artistic form of a bright orange suffused scarlet. Very rich and attractive in appearance. Certified at Storrs. **Roots, .50**

PEPPERMINT CANDY (Alling 82B), Bloom 6 x 3, Bush 5 ft. An unusual bi-color of cream splashed, striped and penciled soft carmine. People like it because of its color and perfect form, but the stem is unusually weak and hooks over. Easy to grow. **Roots, .50; Plants, .50**

TANTE STIEN (Dutch 84B), Bloom 7 x 4, Bush 3 1/2 ft. Bright scarlet, which produces its blooms in great profusion. A foreign variety which was quite popular with our visitors in 1940. Blooms early and continues until frost. **Plants, .50**

VIRGINIA RUTE (Chappaqua 86A), 1939, Bloom 12 x 9, Bush 5 1/2 ft. This dahlia has everything. It will grow beautiful under cloth and equally well in the open. Color is rich oxblood red shaded garnet on edge of petals. Resembles Cherokee Brave in color and form. Blooms have high, full centers. The long, strong stems need no support even when grown for exhibition. A variety that needs no coddling and is in our opinion, one of the best. **Roots, \$3.00; Pot Roots, \$2.00; Plants, \$1.00**



INFORMAL DECORATIVE DAHLIAS—Continued

CHEROKEE BRAVE (Ricks-Dahliadel 86A), 1938, Bloom 11 x 6, Bush 5½ ft. Blooms are a rich ox-blood red that hold their color well in the sun. Has done exceptionally well throughout the country, and in the Mid-West is considered by many the outstanding red. The blooms can be grown to extra large size. Many of our customers consider it one of our best introductions. Bush growth strong and foliage heavy. Award of Honor, Ga.

Roots, \$2.00; Pot Roots, \$1.30; Plants, .75

DIXIE RAVENSCROFT (Seal 83A), Bloom 10 x 5, Bush 3½ ft. Bright russet orange, reverse lemon yellow. Bushes are robust. Roots, .35

EVA HUNT (Hunt 85A), Bloom 10 x 5, Bush 5 ft. Waxy white with wide, heavy petals, with a texture almost like that of a lily. Centers are full and high. The dark green foliage with a white dahlia makes a striking contrast. It is a good grower but rather shy in blooms. Roots, .50; Pot Roots, 35

JOSEPHINE G. (Grosscross-Ruschmohr 83B), Bloom 7½ x 4, Bush 4½ ft. Color is a very pleasing true pink of a bright shade, slightly veined and tipped yellow. Sturdy bush, with flowers held well above the dense foliage. Very floriferous. Roots, .35

KILGORE'S KING (Kilgore 85A), 1938, Bloom 10 x 5, Bush 5 ft. This strong growing variety has blooms of deep lemon yellow with rose shadings on outer petals. The stems are very strong and hold the flowers well. The bush is rugged and should stand a lot of adverse growing conditions. We were quite impressed with this variety in 1940.

Roots, \$1.00; Pot Roots, .65; Plants, .50

MEGAN CALLAGHAN (Australia 85A), Bloom 9 x 5, Bush 4½ ft. A pure white which has earned considerable publicity. The flowers are of good size, and held on long, straight stems in good position. Bushes vigorous and branch well. Plants, \$2.00

MICHIGAN WHITE (Keiser 84B), 1938, Bloom 7 x 3, Bush 5 ft. A prolific bloomer. May be described as an improved Star of Bethlehem with good substance. A fine white commercial with three Cert. of Merit and Award of Honor, Ga.

Roots, \$2.00; Plants, .75

TARZAN (Dahliadel 83A), Bloom 9 x 7, Bush 5 ft. One of the best formed, dark red dahlias. Color is very deep velvety carmine with almost black shadings. It is inclined to be late and should be planted accordingly. Likes ordinary culture. Roots, .50

TELEVISION (Straight-Dahliadel 84A), Bloom 12 x 5, Bush 5 ft. Blooms are apricot suffused and shaded cardinal giving a general tone of reddish apricot. Stems are good and hold flowers well out of the dark foliage. However, it is a poor root maker. Certified at three Trial Grounds.

Roots, \$1.50; Pot Roots, \$1.00; Plants, .50

THE FIREMAN (Success 83A), Bloom 9 x 4, Bush 5 ft. Scarlet red with golden flushes and golden tips at center of flower. Bush growth healthy, blooming from mid-season until frost. Roots, .50

THE UNIVERSE (Dahliadel 85A), Bloom 10 x 5, Bush 3½ ft. A seedling of The World, a rich bright garnet. Centers are always full throughout the season. Stems erect and bush growth good. Especially recommended where seasons are short, as it develops and blooms early. Roots, .50



Cherokee Brave



Producer

PRODUCER (Southern 85A 85B), 1940, Bloom 8-9 x 5, Bush 5 ft. A most beautiful variety of reddish orange softened with yellow and suffused rose. One of the best of the newer introductions which has had many winnings to its credit. Blooms are ordinarily 8 inches or under but can be grown much larger. Bush is of good size, vigorous, branches well and produces a profusion of blooms. Award of Honor, Ga. Roots, \$5.00; Plants, \$2.00



Opal

INFORMAL DECORATIVE DAHLIAS—Continued

OPAL (Berwick-Dahliadel 85A), Bloom 10 x 6, Bush 4½ ft. A very popular variety because of its unusual coloring combined with excellent form, which is most artistic. In color it is a pastel combination of soft salmon rose with lighter shadings, and centers of light lemon yellow. The stems are long, erect, holding the flowers in good position well above the glossy, dark foliage. Has done very well in the various exhibitions, but above all, is decidedly worthwhile for the average dahlia grower. Certified at E. Lansing.

Roots, .75; Pot Roots, .50; Plants, .50

ARELDA LLOYD (Smith 85A), Bloom 10 x 6, Bush 5½ ft. A clear lemon yellow with a very faint rose suffusion on ends of petals. May be described as a yellow Jane Cowl as the form of the flowers and bush growth are almost identical, although Arelda is earlier to bloom.

Roots, .50

CHARMER (Lloyd 85A), Bloom 10 x 6, Bush 5½ ft. A clear golden buff, lightly overlaid with an apricot yellow suffusion, very little rose showing. We believe this is a yellow sport of Jane Cowl, which seems to be getting darker each season so that there is not a lot of difference left between the two varieties. Certified at Storrs.

Roots, .50; Pot Roots, .35

DUCHESS (Herzogen von Wuertemberg), (85A), Bloom 10 x 6, Bush 4½ ft. Color, warm buff suffused apricot shading darker at center with a faint rosy cast over all, which is lighter and brighter than Jane Cowl, while it is nearer the Semi-cactus in form. Bush growth good, and stems almost perfect. This variety deserves greater distribution.

Roots, .75; Pot Roots, .50; Plants .50

DAHLIADEL NURSERIES



GOODNIGHT (Broomall 83A), Bloom 10 x 5, Bush 5 ft. One of the prettiest dark dahlias. Good throughout the season. Color, oxblood shaded maroon. Its faults are hard to find as it has size, form and stem as well as having profuse and early blooming habits. Roots, .50; Pot Roots, .50; Plants, .50

INCANDESCENT (Weyer 84A), Bloom 10 x 6, Bush 5½ ft. Soft orange, with coral red reverse and shadings. Plant growth somewhat temperamental. Evidently this variety will need some extra cultural care as it is considered very good when in condition. Plants, .50

JANE COWL (Downs 86A), Bloom 10 x 6, Bush 5½ ft. This dahlia has made and holds a legion of friends. Color, a warm buff and old gold, blending to apricot and rose at the center. Bush growth

is ideal with strong stems holding the giant flowers upright. Roots, .35

KENTUCKY SPORTSMAN (White 85A), Bloom 10 x 5, Bush 3 ft. This arresting bi-color or tri-color is lemon yellow at center, outer petals rich golden amber with old rose reverse, each petal evenly tipped pure white. Blooms of good form and a variety which is very popular. Achievement Medal winner. Roots, \$1.50; Pot Roots, \$1.00; Plants, .50

MABEL S. DOUGLASS (Thompson 82A), Bloom 10 x 4, Bush 5½ ft. A beautiful pastel lavender with long, curled, pointed petals. Does well in heavy soil. Bush needs support. Roots, .35

MISS ENGLEWOOD (Daily 85A), Bloom 10 x 6, Bush 4 ft. Deep carmine red shading lighter with buff yellow on reverse. Occasional self-colored petaloids with white streaks scattered thru flowers. This is very attractive in both form and color. An easy variety to grow and one that is sure to give satisfaction. Certified at E. Lansing.

Roots, .75; Pot Roots, .50; Plants, .50

RAY WARNER (Peacock 83B), Bloom 7½ x 5, Bush 4 ft. A pink somewhat brighter than Jersey Beauty. Petals are long, pointed and twisted in an artistic manner, and the stems are always good. Its fault is that it is a poor root maker.

Roots, .75; Plants, .50

ROSY MORN (Johnson 85B), Bloom 5 x 5, Bush 5 ft. Tyrian pink shading lighter. The coloring is very fine, and the flowers are held in good position on strong, erect stems. Bush is healthy and vigorous, well-branching and of good height. Plants, .75



INFORMAL DECORATIVE DAHLIAS—Continued

ANDREA ERICSON (Sanhican 83A), Bloom 9 x 4, Bush 4½ ft. A good moderately priced white, very pleasing form. Excellent stems. In hot weather, this dahlia needs partial shading to be grown to exhibition perfection. **Roots, .35**

FORT MONMOUTH (Kemp 84A), Bloom 11 x 4, Bush 6½ ft. An old standby which is still very popular. Rich bright claret in color. Full, well-formed flowers held high above foliage. Strong grower and prolific in blooms. **Roots, .50**

GOLDEN BEAUTY (Silvernale 85A), Bloom 10 x 5, Bush 5 ft. Golden yellow. A most artistic dahlia with high, full centers. Bushes unusually vigorous. Strong, erect stems with flowers facing slightly upward. Its popularity is bound to increase. Certified at Storrs.

Roots, \$1.00; Pot Roots, .65; Plants, .50

H. R. S., Bloom 10 x 6, Bush 6 ft. Beautiful golden yellow. Blooms in mid-season. **Roots, .35**

MANHATTAN (Veile 84A), 1940, Bloom 11 x 6, Bush 5½ ft. Scarlet red with lighter reverse. A strong prize winner in 1939 and repeated to some extent in 1940. Our stock produces very vigorous bushes. During 1940, however, many blooms came with open centers throughout the country.

Roots, \$10.00; Pot Roots, \$6.00; Plants, \$3.50

NANCY GENE (Australia 84A), 1938, Bloom 10 x 5, Bush 5 ft. A rich, golden yellow of good size and fine substance. Bushes are robust and blooms are held nicely on strong stems. However, late in the season some of the blooms show open centers. **Roots, \$2.00; Plants, .75**

PINK GIANT (Bruidgom 86A), 1940, Bloom 9 x 5, Bush 5½ ft. Bright Tyrian pink. The high light of the 1940 Foreign Introductions. Long, strong stems hold the flowers facing and slightly elevated. Strong, rugged bushes with heavy foliage. At the shows and in our gardens it was universally acclaimed. A striking and unusual dahlia.

Roots, \$5.00; Plants, \$2.00

PREMIER'S WINSOME (Premier 85A), 1939, Bloom 11 x 6, Bush 5½ ft. This massive variety has good form, substance and excellent plant growth, in fact, all the qualities of a good exhibition variety. This dahlia came into its own during 1940 and was greatly admired wherever shown. Color, soft violet rose with lighter shadings. Certified at E. Lansing, 1938.

Roots, \$3.00; Plants, \$1.00

PROGRESS (Salem 85A), 1940, Bloom 10 x 6, Bush 5 ft. An exhibition bloom of immense size and excellent quality. Long, stiff and straight stems. In color, it is soft purple or rosy mauve. The outer petals fall back well to the stem giving the bloom great depth. The bush is clean growing with leathery foliage. A profuse bloomer. An Achievement Medal winner.

Roots, \$7.50; Plants, \$2.50

STRAIGHT'S WHITE (Straight-Ruschnmohr 84A), 1938, Bloom 9 x 5, Bush 5 ft. Pure white with petals curled and twisted. Flowers of fine form with good stems. Bushes are short but sturdy. To grow this dahlia to perfection, good culture is necessary. It is naturally a poor root maker.

Plants, \$1.00



Premier's Winsome



Carl G. Dahl

CARL G. DAHL (Hillcrest 85A), Bloom 12 x 6, Bush 5½ ft. An enormous dahlia with petalage somewhat loose and open. Color, apricot buff shaded old rose on reverse of petals. Bush growth vigorous, and blooms produced in profusion. One of the strongest contenders in "the largest bloom in the show" class.

Roots, \$1.00; Pot Roots, .65; Plants, .50



Lord of Autumn

INFORMAL DECORATIVE DAHLIAS—Continued

LORD OF AUTUMN (Almy 86A), Bloom 12 x 6, Bush 5½ ft. The lemon yellow flowers attain a wonderful size and depth, and the long, pointed and twisting petals with beautiful center formation remind one of a large exhibition chrysanthemum. Still a frequent winner in the showroom. Plant growth strong and sturdy, with glossy foliage. One of the largest and best of the exhibition varieties. With all its fine attributes, however, it must be understood that this variety is somewhat temperamental and will not stand adverse growing conditions. **Roots, .75; Pot Roots, .50; Plants, .50**

ADIRONDACK SUNSET (Cackener-Parkway 85A), Bloom 9 x 5, Bush 5 ft. Scarlet red shading to deep yellow at tips and with a yellow reverse. Long broad petals. An attractive, showy and general all-around dahlia with a high, full center. **Roots, .50**

AMERICA'S SWEETHEART (Salem 85A), Bloom 11 x 6, Bush 3 ft. Pale lemon yellow with serrated petals curled and twisted in an attractive manner. Flowers of excellent form. Takes its place with Lord of Autumn and California Idol in that trio of outstanding prize-winning yellow Informal Decoratives. **Roots, .75; Pot Roots, .50; Plants, .50**

BAGDAD, Bloom 10 x 4, Bush 6 ft. A satisfactory scarlet flame dahlia. Bush growth good, and blooms are profuse. Stems strong and erect holding flowers well above bush. **Roots, .35**

CLARA BARTON (Salem 83A), Bloom 9 x 4, Bush 5 ft. Large blooms of silvery orchid color, with deep lavender reverse. A profuse bloomer, with flowers facing slightly upward. **Roots, .35**

EAGLE ROCK FANTASY, Bloom 11 x 5, Bush 6 ft. Violet rose with silver shadings. Blooms in mid-season. **Roots, .75; Plants, .50**



EVENTIDE (Hillside 85A), 1940, Bloom 10 x 5, Bush 4 ft. True purple with violet purplish shadings. A seedling of Thomas A. Edison, which retains the staghorn petal formation of its parent. Stems strong and sturdy. Created a sensation in 1939, and held its popularity in 1940. Certificate winner E. Lansing, '38. Must be reckoned with in the purple class. **Roots, \$5.00; Plants, \$1.65**

FOREST FIRE (Dahlia del 84A), Bloom 10 x 6, Bush 4½ ft. Lemon yellow near center, blending to rich scarlet near the tips of the petals, with yellow petaloids scattered throughout the flower. The combined color-picture suggested the name. Bushes stocky and strong. Does well in partial shade, but a little late coming into bloom. **Root, .53**

HUNT'S VELVET WONDER (Hunt-Burnett 84A), Bloom 10 x 6, Bush 5½ ft. Deep rosy magenta blending into a true purple in color. Broad-petaled blooms of mammoth size with marked depth. Stems somewhat short to be in good proportion, but in all a striking flower. An Achievement Medal winner. **Roots, .50**

JIMMIE FOX (Johnson 84A), Bloom 11 x 7, Bush 6 ft. Coppery red suffused and tinged henna. A peculiar color combination which appeals to many fanciers. This dahlia is mammoth in size, with fine growth and sturdy stems. Winner of many prizes and must be considered in the largest bloom class. Won American Home Achievement Medal and Derrill Hart Medal at New York, as well as numerous prizes elsewhere. **Roots, \$1.00; Pot Roots, .65; Plants, .50**

MYRA HOWARD (Glutzbeck-Dahlia del 84A), Bloom 10 x 7, Bush 5½ ft. A glowing combination of yellow cadmium with gold and tints of salmon, the general effect being ochreous orange. Petaloids scattered throughout the flower. Plant growth strong and vigorous. A dependable dahlia doing well in all climates. Certified at Storrs. **Roots, .50**

NAGELS' GIANT (Nagels 84A), Bloom 11 x 6, Bush 4½ ft. A striking rich color. Deep salmon suffused rose, shading lighter. Petals pointed. Flowers are large facing somewhat upward. Not a profuse bloomer. **Roots, \$2.00; Pot Roots, \$1.30; Plants, .75**

WHITE WONDER (Black-Kemp 83A), Bloom 10 x 6, Bush 5½ ft. Pure white with long, twisted petals, giving the impression of fluffiness. Bush a strong grower but joints are rather close making disbudding necessary. A very good root maker. **Roots, .35**

WILMINGTON AND BALTIMORE

The Dahlia Society of Delaware held their Show in the ball room of the Hotel Dupont, Wilmington. It was a most artistically arranged exhibition, and classes were well filled. Our 1941 Introductions, Imp, Red Eye, Saturn, Collegiate and Guiding Star attracted favorable attention.

Baltimore, with its hospitable and genial folks, had a most striking Show. The seedling classes had many entries and created much discussion among the judges. We regretted having to miss the Show, but sent a Dahlia del representative.



INFORMAL DECORATIVE DAHLIAS—Continued

ADOLF MAYER (Topsvoort 85A), 1938, Bloom 9 x 4, Bush 5 ft. The color is black red. About the darkest of all dahlias. Bush of good height and sturdy. Stems in proportion and flowers held perfectly. Keeps well when cut. Altogether a dahlia which should be in every planting.

Roots, .75; Pot Roots, .50; Plants, .50

CHEROKEE ROSE (Ricks-Dahlia del 85A 85B), Bloom 8-9 x 5, Bush 6 ft. Blooms profusely throughout the season, with fine stems. Bushes are strong and well branched. Does well in the South and is a good cut flower. Seedling of Jersey Beauty, and has all of its parent's good qualities. A decided change in color which is a beautiful shade of lilac pink shaded deep rose pink. Keeps exceptionally well.

Roots, \$1.00; Pot Roots, .65; Plants, .50

FRECKLES (Kemp 85A), Bloom 11 x 5, Bush 4 1/2 ft. Lemon yellow speckled and striped peach red. A seedling of La Fiesta. This unusual flower is a decided novelty and is a favorite with our visitors.

Roots, \$1.00; Pot Roots, .65; Plants, .50

FREDA GEORGE (Australia 86A), Bloom 10 x 5, Bush 5 ft. Sulphury white tipped and suffused violet rose. Strong, erect stems hold flowers in good position. Bush growth strong and sturdy. Blooms are produced in large numbers and are uniform. A regular winner on the show table and generally satisfactory everywhere. A true blend of pastel shades.

Roots, \$1.00; Pot Roots, .65; Plants, .50

GOLDEN PRINCE (Weiss 85A), Bloom 10 x 5, Bush 4 ft. Rich gold, blended peach, giving a general effect of golden bronze. Bush growth strong and branching. This dahlia, a seedling of Jane Cowl, has never had the recognition it rightfully warrants. Many blooms all through the season.

Roots, .75; Pot Roots, .50; Plants, .50

KEMP'S VIOLET WONDER (Kemp 84A), Bloom 10 x 5, Bush 5 ft. The predominating color of this fine dahlia is bright violet purple with faint bluish violet at tips of petals. Deep flowers of perfect form. Stems hold flowers well above the foliage. A dependable variety. Good keeping dahlia. Produces many blooms of exhibition size.

Roots, .35

KENTUCKY DAWN (White 84A), 1938, Bloom 10 x 7, Bush 11 ft. Soft golden buff with light peach suffusion, reverse rose with peach pencilings. This variety has size, good stems, fine placement, vigor and good growing habit. Rather late coming into bloom, however. Award of Honor, Ga.

Roots, \$1.50; Pot Roots, \$1.00; Plants, .50

MILTON J. CROSS (Johnson 85A), Bloom 11 x 7, Bush 5 ft. General effect yellow with outer petals suffused rose and coral. A consistent prize winner and sturdy grower.

Roots, .50



California Idol

CALIFORNIA IDOL (Ballay-Success 85A), Bloom 12 x 7, Bush 4 1/2 ft. Clear lemon yellow. Growing in popularity and winning consistently. Deep flowers of fine form with high, full centers. Produces blooms in profusion on a strong bush. Our stock is of best quality.

Roots, .50; Pot Roots, .50; Plants, .50

PEACE (Creekside 84A), Bloom 10 x 6, Bush 4 ft. Pure white with waving, pointed petals. Flowers of good substance, and while similar to Mother Maytrott in many respects, are more Formal and not so deep. It is an early and profuse bloomer although it has a tendency to drop its petals. Bush rugged and insect-resistant.

Roots, \$1.00; Pot Roots, .65; Plants, .50

PREMIER'S MAJESTIC (Premier 85A), 1938, Bloom 10 x 5, Bush 5 ft. This variety is an attractive combination of salmon rose with a dull golden suffusion. Many blooms on strong, healthy bushes. A dahlia which is generally satisfactory. Certified at Storrs and W. Va.

Roots, \$2.00; Plants, .75

ROBERT L. RIPLEY (Salem 85A), Bloom 12 x 8, Bush 6 ft. This variety is without question one of the largest varieties grown. Color, soft Rhodamine purple with deep rose pink suffusion throughout. Stems are straight and strong. Flowers have good substance and keep wonderfully well. One of the varieties which is grown by nearly every real dahlia fan.

Roots, \$1.50; Pot Roots, \$1.00; Plants, .50

WHITE ABUNDANCE (Ballego 85A), Bloom 10 x 5, Bush 6 ft. This dahlia does well for us and we can heartily recommend it. Flowers of beautiful waxy white are held well out of the foliage on strong, erect stems. Fine for cutting and exhibiting, as well as for florist work.

Roots, .50; Pot Roots, .50; Plants, .50

INFORMAL DECORATIVE DAHLIAS—Continued



Silver Lady



Virginia Shipley

VIRGINIA SHIPLEY (Cory-Dahlia 85A), 1939, Bloom 11 x 7, Bush 5 ft. A deep lemon yellow with a golden hue different from other yellows. Bush is rugged with heavy foliage repellent to insects. Blooms are Formal developing Informal. Futurity and Achievement Medal winner, '37, winning medals in New York, Detroit, Washington, Baltimore and Camden.

Roots, \$3.00; Pot Roots, \$2.00; Plants, \$1.00

JOSEPH E. MITCHELL (Mitchell-Ruschmohr 85A), 1939, Bloom 11 x 6, Bush 3½ ft. Soft buff blended apricot. Long, pointed petals. Bush very vigorous and in good proportion with the massive blooms. Very strong, erect stems hold flowers well. Better than ever in 1940. Certified at E. Lansing.

Roots, \$3.00; Pot Roots, \$2.00; Plants, \$1.00

MONMOUTH QUEEN (Kemp 83A), Bloom 10 x 5, Bush 5 ft. A strong grower and free bloomer on long, stiff stems. Color is a pleasing lemon yellow gradually passing to light primrose or cream yellow on back petals.

Roots, .35

MOTHER'S DAY (Australia 85A), 1939, Bloom 11 x 5, Bush 4½ ft. A mammoth, creamy white. Came to America heralded as an exceptional white, which prediction was more than fulfilled in 1940. Bush healthy and vigorous. Flowers face perfectly on strong stems. Winner in many shows last season. Highly recommended.

Roots, \$5.00; Plants, \$1.50

NORMA MORTON (Australia 85A), Bloom 11 x 6, Bush 5½ ft. Golden yellow edged dull peach red. Flower can be grown quite large, and completes nicely to stem which is strong and erect. Bush is unusually vigorous with insect-resistant foliage.

Plants, \$1.50

POT O'GOLD, Bloom 9 x 5, Bush 4½ ft. Clear yellow. Long, wavy petals. A free bloomer.

Roots, .35

SHELDON'S LOUISE (Sheldon 84A), Bloom 10 x 5, Bush 5 ft. Rich oxblood red of slight purplish shade. Blooms have full centers and are held in good position on long, erect stems. Bush growth is robust and in good proportion. Flowers attractive and of clear color.

Roots, \$1.00; Plants, .50

SILVER LADY (Hillside 85A), 1940, Bloom 10 x 6, Bush 5 ft. Ivory white, lightly flushed and edged violet rose. Here is one of the most meritorious of the newer dahlias. As we predicted in 1940 it took its place as one of the most exquisite of all dahlias, and secured more than its share of winnings. The delicate shadings seem to grow in beauty the more the flower is examined. A rugged bush, with vigorous foliage and long, strong stems add the finishing touches to a really great creation. Certified W. Va. and recommended at Ga.

Roots, \$5.00; Pot Roots, \$3.00; Plants, \$1.65

WHITE DUCHESS (English 83A), Bloom 10 x 5, Bush 5 ft. A bold, white flower with a full high center. Petals are broad, waved and graceful. Stems strong and erect. A good grower.

Roots, .50

WASHINGTON, RICHMOND and CAMDEN

Washington is rapidly taking its place as one of the best Shows in the East. We were unable to be there but one of the Dahlia del Family represented us and was greatly impressed. Richmond had a well entered and most interesting Show. Bloom quality was very good. Arrangements showing the uses of the small Singles and Miniatures made a creditable feature in the Show. Camden Show was slightly smaller than usual but of very good quality, featuring seedlings and arrangements as usual.



INFORMAL DECORATIVE DAHLIAS—Continued

ALICE MAY (Australia 85A), Bloom 10 x 6, Bush 4½ ft. Pure white with slight yellow cast at base of petals. Here is a sure winner and all-around dahlia. If it has faults they were not apparent in our plantings or in those we saw on the show table. Stems, bush growth, placement and profusion of blooms meet all requirements. With Mother May-trott and Mother's Day this dahlia helps to form an unbeatable trio. Universally recommended.

Roots, \$3.00; Pot Roots, \$2.00; Plants, \$1.00

BRILLIANT LADY (Salem 83A), 1939, Bloom 10 x 6, Bush 5 ft. A big flower of French purple with reddish tinge. Stems rugged and bush a strong grower. We are listing it although with us it has fallen somewhat short of its glowing advance notices.

Roots, \$3.00; Pot Roots, \$2.00; Plants, \$1.00

CLARA CARDER (Kemp 84A), Bloom 10 x 4, Bush 4½ ft. A fine flower of Cyclamen pink with petals cupped and twisted. A pastel shade appealing to many. Strong growing variety with good stems and an exceptionally good root maker. Roots, .50

GRACE CURLING, Bloom 7 x 3, Bush 4½ ft. Bright lilac lighter at the base of petals. Old but still grown by many. Roots, .25

HILLSIDE SUNSET (Hillside 85A), 1939, Bloom 11 x 6, Bush 5 ft. Deep lemon in color lightly suffused red in early season but becoming mostly golden yellow later. A rather tall bush of unusual vigor, with stems holding the mammoth blooms facing you. Scored 86 at W. Va. and winner of many awards. Stock scarce as it is a poor root maker.

Roots, \$4.00; Pot Roots, \$2.65; Plants, \$1.50

JIM BAXTER (Australia 84A), Bloom 11 x 5, Bush 4½ ft. A variety that grows quite large with strong stems. Color, a deep rose pink shading to deep phlox pink at center. Petals rather loose and twisted in formation. Roots, \$1.00; Plants, .50

JOYCE LOUISE (Grass-Ward 84A), 1939, Bloom 10 x 5, Bush 3 ft. Tyrian pink shading lighter. Achievement Medal winner and Cert. at E. Lansing. A dahlia which showed considerable promise but the flower is somewhat flat. Bush growth satisfactory. Roots, \$1.00; Pot Roots, .65; Plants, .50

KATHLEEN NORRIS (Klein-Sanhican 84A), Bloom 10 x 5, Bush 4½ ft. An old favorite of true rose pink deepening to mallow pink with central petals lighter. Sure winner when grown to perfection, but is like the little girl in the nursery rhyme—"when good is very, very good, etc." Does best from roots. Roots, .50

MARGRACE (Hillside 85A), Bloom 10 x 5, Bush 5 ft. This dahlia is unusual in color and unique in form with good, high centers. It is a bright cardinal with a tan reverse. Excellent stems, strong and heavy. Has vim, vigor and vitality. Certified at Storrs and E. Lansing, also an Award of Honor, Ga. Roots, .50; Pot Roots, .50; Plants, .50



Katie K.

MINNORA (Berwick-Dahliadel 83A), Bloom 10 x 6, Bush 5 ft. Color is a bright apricot suffused violet rose with a decided deep red suffusion on reverse of petals making an unusual but pleasing color combination different from other dahlias. Bush growth, stems and foliage ideal. Roots, .50

KATIE K. (Lakeside 86A), 1938, Bloom 11 x 6, Bush 4½ ft. A giant. Beautiful soft violet rose with lighter veinings. An open grower with good, stiff stems and very prolific. Might be termed a less temperamental Kathleen Norris as the color is similar but bush more rugged. Certified at Storrs and E. Lansing, and a consistent winner wherever shown. Has no marked weaknesses and should be ranked for years as a standard.

Roots, \$1.50; Pot Roots, \$1.00; Plants, .50

RITA WELLS (Wells-Ruschmohr 85A), 1939, Bloom 12 x 8, Bush 5 ft. A newer dahlia which stands with the best. Rose buff with the reverse a subdued lilac pink. On Futurity, Achievement Medal winner and Certified at W. Va. Stems erect and bush in proportion. Has shown up well in the shows. Our stock has been carefully rogued and should be highly satisfactory.

Roots, \$5.00; Plants, \$1.50

SAN FRANCISCO (Ballay 84A), 1939, Bloom 12 x 8, Bush 5 ft. A California introduction of great size and depth, which has been highly pleasing to many. Shrimp pink in color, and good stems. With us the blooms have been shy and quite late. Does quite well under cloth.

Roots, \$4.00; Pot Roots, \$2.65; Plants, \$1.50

WATCHUNG GIANT (Smith 85A), Bloom 11 x 6, Bush 6 ft. Deep amber yellow suffused orange cadmium. An old "war-horse" which is found in many plantings, and wins consistently. Grows like a weed and is most profuse in blooms. Doesn't need pampering and does equally well in all sections of the country. Roots, \$1.00; Pot Roots, .65; Plants, .50

Varieties on this as well as other pages in this catalog are the same form bloom as illustration



Glamour



Robert Emmet

ROBERT EMMET (Moroney-Dahlia 85A), Bloom 10 x 6, Bush 5 ft. This variety is a beautiful shade of velvety cardinal inclining to crimson. It is an open grower with sturdy, dark green, insect-resistant foliage. Blooms from mid-August until frost, stems hold flowers facing perfectly. Well grown and staged it may be entered in any show. Certified at Storrs.

Roots, .50

INFORMAL DECORATIVE DAHLIAS—Continued

DEAN ANDERSON (Mad River 85A), Bloom 10 x 6, Bush 4½ ft. Clear, radiant coral, or peach red suffused orange. A striking color combination in a flower with massive petals, held well above the foliage on well proportioned stems. Bush is rugged with healthy foliage. A decided acquisition, and extremely popular. However, a poor root maker. Plants, .75

DORIS ARLEEN (Cottage-Parrella 85B), 1940, Bloom 8 x 5, Bush 5 ft. A very attractive and pleasing shade of clear pink. Blooms are full and deep on strong, long stems. Bushes branch nicely and respond to pinching out. A real color acquisition for your garden. Plants, \$1.25

GIRL OF HILLCREST (Hillcrest-Kemp 83A), Bloom 10 x 4, Bush 5 ft. An apricot buff, which is exceedingly easy to grow. Blooms profusely throughout the season. Stems are fairly good and plant well proportioned. Roots, .35

GLAMOUR (Salem 85A), 1939, Bloom 11 x 7, Bush 5½ ft. An unusual color combination of purple veined violet rose. A tall, heavy grower with stiff stems. At times the color may appear dull but the flower is extremely popular with many. A Futurity dahlia, winner of many prizes including an Achievement Medal at Baltimore and Award of Honor in Georgia.

Roots, \$5.00; Pot Roots, \$3.25; Plants, \$2.00

MURPHY'S MASTERPIECE (Murphy-Success 85A), Bloom 11 x 4, Bush 4½ ft. A deep, dark red shading crimson, which is a monster and still a strong contender in the largest bloom class. A strong grower, with flowers on good stems. Stock limited as the roots are hard to winter over.

Roots, .75; Pot Roots, .50; Plants, .50

PALO ALTO (Ballay-Success 84A), Bloom 10 x 6, Bush 6 ft. Clear, soft apricot buff suffused coral red. Stems tall and straight. A rugged grower and still found in many gardens. Certified at Storrs.

Roots, .50

PRIDE OF AUSTINBURG (Strassen 83A), Bloom 10 x 4, Bush 4½ ft. The unusual part of this dahlia is its color which is a soft apricot shading violet rose with a reverse shading of light purple. Blooms early on strong stems, centers full.

Roots, .75; Plants, .50

NEW YORK, SCRANTON and BURHOLME

The American Dahlia Society held what is generally acclaimed as the "best Show ever" at the Gardens on Parade at the World's Fair. Adjectives fail in trying to describe one of the finest dahlia exhibitions ever held anywhere. It must suffice to say that it was great, and the crowds of visitors were most inspiring. The 1941 A.D.S. Show will be held at the Museum of Natural History, New York City, September 24th and 25th. Scranton Show featured the Miniatures and showed the newer varieties in fine condition. Burholme, a good Show, was attended and judged by our Moore family.



INFORMAL DECORATIVE DAHLIAS—Continued

ANDREE BAYSSELLANCE (Ballego 84A), Bloom 9 x 6, Bush 5 ft. A crimson carmine or rose red shading buff at tips with buff reverse. An exceptionally sturdy bush, producing large flowers of uniform size. Stems good and flowers face well. The unusual coloring makes the flower appeal to many while it is displeasing to others.

Roots, \$1.00; Pot Roots, .65; Plants, .50

BANDOENG (Ballego 85A), Bloom 9 x 5, Bush 5 ft. Cinnamon buff suffused and shaded russet orange and scarlet. An autumn shade of a very attractive combination of colors. A strong bush, with heavy foliage and excellent stems. This dahlia is worthy of serious consideration if you desire a bronzy autumn shade and a variety easy to grow. Certified at Storrs.

Roots, \$1.50; Pot Roots, \$1.00; Plants, .50

DOKOUPIL'S IDEAL (Dokoupil 84B), Bloom 7 x 3, Bush 4½ ft. A striking flower of white with petals substantially tipped lavender. Long, erect stems hold flowers well. Plants strong and healthy. Flowers a little flat but withal very attractive. Fine for cutting, blooms early and plentiful. Plants, .50

DWIGHT W. MORROW (Dahliadel 84A), Bloom 11 x 5, Bush 5 ft. A gigantic rich crimson red dahlia that is greatly admired. Very spectacular. This dahlia likes reasonably heavy soil, but should not be forced or over-watered. Disbudding should not be done until terminal bud is about to show color. This will insure a good stem.

Roots, .75; Plants, .50

HARRIET HOCTOR, Bloom 10 x 4, Bush 5 ft. Bright mauve, magenta shadings.

Roots, .35

HERACLES (Brudegom 84B), 1940, Bloom 7½ x 4, Bush 4 ft. A very pretty flower of vermilion red, with a touch of golden yellow at center. A medium sized dahlia with a perfect center, held on strong erect stems. Bush growth excellent. A fine keeper, early, profuse and excellent flower. Plants, \$1.00

JUDGE SAMUEL SEABURY (Etherington 84A), Bloom 10 x 5, Bush 5 ft. This variety has won many prizes. It is uniform in color and should please those who like soft or pastel shades. Color, flesh or amaranth pink shading to creamy white at center. Foliage rugged, stems and substance good.

Roots, .50

MAN O'WAR (Boone-Ruschmohr 85A), Bloom 10 x 4, Bush 5½ ft. A rich dark carmine of fine flowering habit. Resembles somewhat Murphy's Masterpiece. A beautiful thing in the garden and we often wonder why more aren't grown. Petals pointed and bush stalwart.

Roots, .50; Pot Roots, .50; Plants, .50

MARGARET W. WILSON, Bloom 9 x 4, Bush 4½ ft. Creamy white with phlox pink reverse.

Roots, .35

MID-WEST CHAMPION (American D. F. 84A), Bloom 10 x 6, Bush 4 ft. Brilliant violet rose with yellow shadings at base of petals. Plant growth and stems are ideal with heavy, insect-resistant foliage. Certified at East Lansing and Storrs.

Roots, .50



Anna Benedict

ANNA BENEDICT (Benedict-Dahliadel 85B), Bloom 8 x 5, Bush 5½ ft. One of the most satisfactory performers in the dark red class. Stems are always good and flowers continue full throughout the season. Does not fade in full sunshine, and the petals seem immune to storm damage. Color, a rich dark garnet with black shadings near center of flower. Has had a long period of popularity and is already classed as a standard. Certified at Storrs.

Roots, .50; Pot Roots, .35

MRS. GEORGE LE BOUTILLIER (Smith-Ruschmohr 85A), Bloom 11 x 5, Bush 5 ft. Any extra care pays big dividends with this beautiful carmine red dahlia. It has been shown 14½ inches in diameter. Similar in form to Murphy's Masterpiece and among the older varieties the two usually run neck and neck on the show table. It has few faults.

Roots, .50; Pot Roots, .50

ROYAL PENNANT (Fenton-Kemp 85A), Bloom 9 x 5, Bush 5 ft. A true, rich purple. A distinctive color appealing to many flower lovers. Long, strong stems hold flowers perfectly. A sturdy bush with heavy foliage. Not early but satisfactory.

Roots, \$1.00; Pot Roots, .65; Plants, .50

RUDOLF'S GIANT (Rudolf 85A), Bloom 12 x 7, Bush 4½ ft. Size plus depth plus tight centers plus a striking color combination gives this creation real prestige. Of live buff with apricot and pink suffusions, makes it glow in the garden. The plant is sturdy and needs no coddling. Certified at Storrs. Blooms from mid-season on. Plant accordingly. Roots, \$2.00; Pot Roots, \$1.30; Plants, .75

SUNRAYS (Straight-Ruschmohr 86A), 1938, Bloom 11 x 7, Bush 4½ ft. Adjectives fail to do this flower justice. In color it is a clear buff suffused apricot with a distinct peach red on reverse side of petals. It wins everywhere and was certified at W. Va. and E. Lansing. Name the 10 best dahlias during the past 5 years and this one wins its place on the "All-American Team." Its faults are hard to find.

Roots, \$3.00; Plants, \$1.00



Potash-Fed Dahlias

Our catalog of dahlias is selected with success for our customer always in mind—varieties which will grow easier, bloom more and those less temperamental under adverse growing conditions. The dahlia today is not only a spectacular exhibition flower but has almost unlimited possibilities for arrangement use and landscape effect. The Miniatures are steadily growing in popularity. We hope this catalog will help you in selecting the best dahlias for your garden.

"Potash-Fed Dahlias" is not only an established trade name, but a modern and successful method of growing dahlias so that they are literally alive with energy, assuring you of success. In South Jersey with its long growing season, well-ripened stock can be produced that will give the best possible results. We have found that dahlias grown in light soil for a period of from one to three years will do wonderfully well when moved to heavier soil conditions with no time lost for acclimation.

Most important of all is the health of stock from which your plants or roots were grown. This condition has its direct effect on the results obtained; for an unhealthy plant cannot take up **potash**, or any other element of plant food, in sufficient quantities while in this condition. Hence, a dahlia must be healthy before it can be **Potash-Fed**. You must have the best stock that can be produced to have 100% success. Buying inferior stock at low cost is not an economical way to buy and seldom is the way to success.

CULTURAL INSTRUCTIONS

The following directions are based upon years of experience and should be of value in solving some of your cultural problems. These suggestions should be changed to suit local requirements. However, we sincerely believe that the fundamental principles involved will apply throughout the country.

SOIL PREPARATION

The dahlia will grow and produce excellent results in a wide range of soils, other conditions being favorable. It is not so much a matter of soil type as it is conditioning. To grow exhibition blooms to perfection, the nearer soil can be to ideal the better your results will be. Soil should contain enough clay to keep the fertility from leaching and also enough sand or stones to facilitate drainage. Fifty to sixty-five per cent sand is considered ideal.

As soon as the soil can be worked in the spring, it may be further improved by a cover crop of oats and field peas. Or, better still, where winters are severe, sow rye in September or October. The green crop will do no harm during the late blooming season, will winter over, and should be turned under about two weeks before planting. In New Jersey and further south, rye can be sowed after digging roots. A cover crop will add organic matter, supply humus and further adjust soil conditions. If soil is poor, a top dressing of stable or chicken manure, after digging roots, in the fall or early winter will improve growth the following year. Chicken manure, however, should be used very sparingly.

A good time to work the soil, when no cover crop

SCORING DAHLIAS

To simplify classification to size and use of the dahlia, we have scored all varieties grown at Dahliadel Nurseries according to our new score card found on page 28 and used the letter S for small dahlias normally growing under 4", classified as Miniatures; B for cut flowers or medium size blooms growing normally from 4" to 8", and A for exhibition blooms of 8" or over.

The above changes in size and the ring system of measuring dahlias have been adopted by the American Dahlia Society whereby dahlias that pass through 2, 4 and 8 inch rings will be respectively Pompons, Miniatures and Commercial or Medium class blooms, if they meet the other classifications. Dahlias over 8" in diameter are classed as Exhibition Blooms. This system should be more satisfactory than past haphazard methods. As the promoter of this idea and in order to make this system possible in all dahlia shows, we are offering to furnish, free on request, one or two sets of these rings to show managers.

Commercial varieties growing under 8" in most cases are very desirable for basket work in dahlia shows and are suitable for exhibition in the medium or commercial class designated as Class B, in dahlia shows using the new A.D.S. Classification. Exhibition varieties growing 8" or over in diameter, designated as Class A, are winners on the exhibition table, having qualities that score high in competitive judging, with size, form, stem and color predominating. The size of bloom is indicated in inches and the height of bush in feet.

is planted, is about a month before planting, digging rather deep and thoroughly breaking up all lumps. Then rake the ground over about once a week to retain moisture.

DRAINAGE. The primary factor in growing dahlias is that of drainage, which in sandy soils is well taken care of, but in heavy soils a quantity of coarse coal ashes should be dug in and thoroughly mixed with the subsoil. Then coarse manure, straw, litter or peat moss should be mixed into the top-soil. The addition of a good quantity of coarse sand will help drainage and aeration wonderfully in compact or clayey soil.

For soggy soil we might suggest ditching 18 or more inches deep where the row is to be planted, running the ditch with the slope if possible. Fill in with coarse ashes, clinkers or any coarse material that will not rot, keeping it below spading depth, then fill in top with soil mixed with peat moss, sand or the part of ashes about the size of corn or a little larger. When using peat moss, to each bale, add 4 pounds of Pulverized Limestone. This will counteract any acidity generated by the peat moss.

See "Irrigation" for Tile Drainage System.

LIMING. As a rule, the dahlia does well in a neutral to reasonably acid soil. Liming not only neutralizes acid, but makes the natural humus in the soil available as well as loosening heavy soil. Should your soil be inclined to be acid, lime applied at the rate of 1 pound to 20 to 30 square feet is a safe practice on medium to heavy soil every 3 or 4 years. However a pH test is advisable.



FERTILIZER

Of the ten elements considered absolutely necessary to plant growth, we find nitrogen, phosphorus and potassium the prime essentials and the ones most lacking.

Nitrogen stimulates the growth above ground, producing large bushes and flowers, but if used to excess the flowers will be soft, wilting readily, and the bushes will be overgrown and lower the vitality of the roots. Nitrogen is found naturally in humus (decomposed vegetable matter or manure). It can best be supplied in animal matter, such as bone meal, tankage or manure.

Phosphoric acid increases the root development, especially the lateral and fibrous roots, strengthens the plant growth and gives substance to the bush and flowers. It also aids in ripening the roots. This element is found in bone meal, tankage and acid phosphate, with a small amount available in manures.

Potash is the balancing agent for nitrogen and phosphoric acid. It gives color to the flowers and foliage, and vigor and tone to the plant in general. It is an essential in starch formation and aids in the maturing of well-nourished roots. This is found in wood ashes, muriate or sulphate of **potash**.

Fertilizer to be applied before planting. Scatter broadcast after spading and mix thoroughly into the top-soil to every 100 square feet of ground or to each 10 dahlia hills.

5 lbs. raw bone meal.

[10 lbs. Unleached wood ashes, or

[1 lb. Muriate or sulphate of **potash**, not both.

An additional 5 lbs. bone meal may be spaded in with or before the above application if ground is very poor.

Fertilizer or top dressing to be applied about August 15. Scatter broadcast over ground, not closer than 6 inches nor more than 18 inches from the stalk and rake in, to every 10 hills.

[1½ lbs. Raw bone flour, or

[3 lbs. Raw or steamed bone meal, not both.

[1½ lbs. Animal tankage, or

[4 lbs. sheep manure, not both.

[5 lbs. Unleached wood ashes, or

[½ lb. Muriate or sulphate of **potash**, not both.

Manuring is not necessary, even in light soil, if the above formula is used, but an application of horse or cow manure or compost in the Fall is very good for soils lacking humus. This can be used as a top dressing for a cover crop, or dug in by shallow spading in the Fall to help decomposition, then spaded in deep about two weeks before planting.

Don't use nitrate of soda as a fertilizer. Don't try to grow exhibition blooms by forcing the life out of your stock with sheep or any other manure and expect your stock to do well for you the following year without balancing your plant food with phosphoric acid and **potash**. Exhibition blooms and good roots can be grown at the same time from green plants as well as from roots and pot roots by following our cultural instructions.

PLANTING

WHERE TO PLANT. In selecting a location for dahlias, it is essential to have a free circulation

of air for healthy plant growth and to prevent mildew. Dahlias need direct sunlight at least 3 or 4 hours, preferably 6 to 7 hours, each day and should not be planted near large trees or dense shrubbery which would shade the plants and use moisture and plant-food.

WHEN TO PLANT. Should you desire a mass of color for landscape effect or a number of smaller blooms to cut, early planting is recommended. For exhibition blooms later planting is advisable, unless you intend to cut back, prune and disbud systematically.

Dahlias should be planted in Southern New England, Southern New York State, Pennsylvania and North Jersey between May 15th and June 15th, while in South Jersey, Delaware, Maryland, Virginia and interior States of the same latitude the planting period extends from May 1st to July 1st; North Carolina from April 15th on, South Carolina and Georgia from April 1st on, advancing through Florida to January in the citrus fruit belt. Farther north, where hot summers are less harmful and early frosts are prevalent, planting may commence as soon as danger of frost is over. In the northern parts of the United States and Canada we recommend starting dahlia roots or plants in a cold frame in pots or in squares of inverted sod, so they can be planted in your garden without disturbing the feed roots. Should the top growth be over 6 inches at time of planting out it would be well to top out, leaving preferably two nodes above the ground, see P on Drawing X. When green plants are grown in 2 to 2½-inch pots, as soon as a good root growth is developed they should be re-potted in 3 to 4-inch pots and pinched out at time of re-potting.

HOW TO PLANT. When planting large flowering dahlias, the rows should be from 4 to 5 feet apart, or from 6 to 10 square feet should be allowed for each plant. A novel way to plant is to place your stakes 4 x 5 feet apart, and plant a root or plant at each side of the stake so that stalk will be about 2 inches from the stake. This will allow better air condition and more room for cultivation. Varieties will not mix by growing them together and should one plant fail, there will be no blank spaces. However, care should be exercised in not planting a strong rapid grower at the same stake with a slow or dwarf growing variety. Bush heights should be about equal.

Do not plant roots or plants in or over hot manure or any quantity of compost. Although practiced by some, we do not recommend the use of any potato, dahlia fertilizer or bone meal in the hole directly under the dahlia root or plant, as there is too much danger of injuring the tender feed roots, but rather suggest a broadcast application, as recommended above after spading. The stunt in dahlia plants can often be traced to the burning of the feed roots caused by excessive chemical feeding.

ROOTS should be planted in trenches or holes, 4 inches deep in heavy soil and 6 inches deep in sandy soil, laid flat down (not on end) and covered with earth not over 2 inches in depth, filling in as the plant develops. Where drainage is poor keep a furrow open between rows to facilitate drainage in wet weather.



POT ROOTS, as described on Page 1, should be planted as you would roots, at a depth of about four inches in heavy soil and six inches in light soil. Do not divide the small clump and preferably allow only one stalk to grow, never more than two. Pot roots and plants are especially desirable and may be potted in 3" or 4" pots to be well-started for planting where dahlias are to be used in beds following early flowering bulbs.

ROOTED CUTTINGS should be ordered for delivery 15 to 20 days earlier than plants, and you should have a cold frame, sufficient 2¼" to 3" pots and suitable potting soil along with some knowledge of their care. We follow through the behavior of Dahlia del root divisions, pot roots, and green plants but on rooted cuttings we can only guarantee delivery in good condition and to be true to name because the care and attention given a plant from potting to hardening off for planting out is the making or breaking of the vitality of your stock, and this responsibility of necessity is yours.

GREEN PLANTS. After removing moss and paper pots from plants that have been shipped, moisten ball of dirt if partially dried, then plant them with the top of the ball of dirt about 3 inches below the ground level and cover the top of the ball of dirt ½ to 1 inch. In locations where there is danger of flooding or poor drainage, do not plant quite this deep. Water thoroughly once if ground is dry and then protect with open basket or open crate for a few days as partial protection from the sun and wind, covering only when protection is needed. Then start cultivating. Fill in gradually as the plant develops. For cut worms, scatter poison bait the evening of planting. See "Cutworms."

Where dahlia plants are to be set in heavy soil it is advisable to at least prepare the hill by mixing sand or the medium coarse part of coal ashes into the ground where the plant is to be set. The dirt can be washed off the roots and the roots straightened out, which will, however, check the growth of the plant a week or more and we do not recommend this practice. Plants will make better bushes and clumps in heavy soil if hills are prepared, but it is not at all necessary in light soil.

It is best to set plants without pinching back to get feed roots started especially when they have been shipped a distance. After the plants have established themselves you can top back with safety.

Where dahlia plants are grown with only a reasonable amount of fertilizer and water they are apt to make more roots than when grown in the midst of plenty. To produce roots on plants use a balanced plant food, as recommended under **Fertilizer**, but not to excess, and water only when necessary to produce a good, healthy, but not soft growth. When setting plants the last of June for September blooms, we recommend disbudding, according to Drawings X, Y and Z. When planting a month earlier it will be necessary to cut the fast growing varieties back severely about six weeks before you want blooms, leaving about one-half the growth and not more than six laterals for the first blooms. Then disbud these as shown on Drawings X or Y, as soon as branches develop sufficiently. This cutting back will give the plant an over supply of feed roots, which will start root production at once, giving you more mature roots in the Fall.

In growing Dahlia del green plants, only the strongest cuttings are potted, and again the best plants are selected for filling orders. This assures you of the best stock procurable.

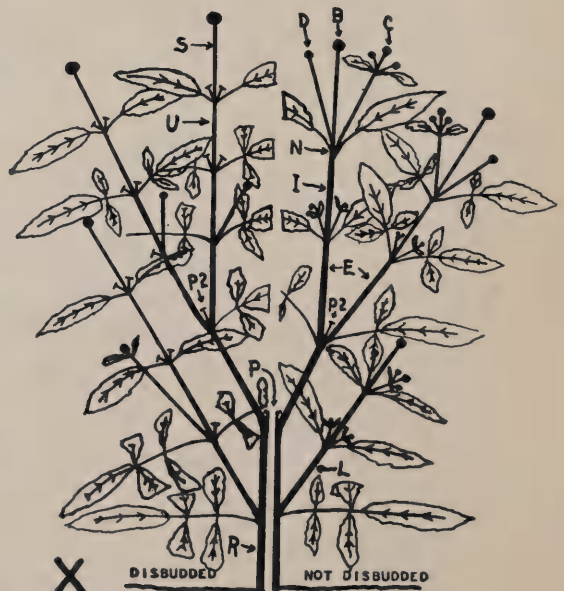
PINCHING OUT and DISBUDDING

PINCHING OUT is indicated on Drawing X and Y at P and P2, first and second pinching out, respectively. We recommend this system for most varieties. The smaller a plant is when pinched out, the quicker it will heal and branches develop.

Allow only one main stalk to grow (never more than two). Pinch out the crown or center above the second pair of leaves. The principle of taking out the center is to develop the eyes, which are located at the base of the leaves. The top pair of eyes will make themselves evident in surprisingly short time, and these shoots or branches on most varieties should be pinched back again, P2 unless they are short stemmed varieties. In that case, they should be side pruned as indicated at F in Drawing Y, leaving not more than one pair of eyes on each branch. By the time these get a start, the second or lower set of eyes on the main stalk will have developed along with those above. These stems should bear the first four to six flowers.

DISBUDDING, as indicated by T in drawings, is the pinching or rolling out of the small bud growing at the base of each leaf. These can be cut out with a pointed knife if they have developed considerably before disbudding.

When the terminal bud on each of the stems is about the size of a small acorn, or as soon as the side shoots are large enough to pull out, disbud by taking out all the side buds and shoots except the



Drawing X is recommended for most large flowering varieties under normal growing conditions.



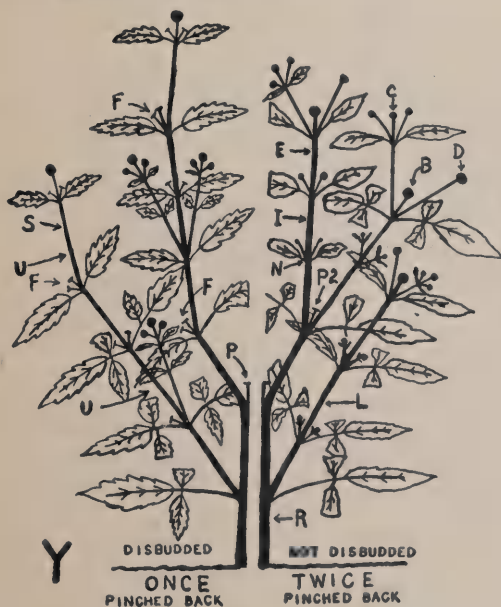
lower pair on each of the branches which should be allowed to grow to form later flowers. Leave only one side shoot as shown in Drawing X or one to two shoots on Drawing Y, should you desire very large flowers. These new branches should be handled as the previous set as soon as they have developed sufficiently.

All of the disbudded stem should be cut with the flower, when following X or Y. This early disbudding and pruning is not solely for the benefit of the first six flowers, but mainly to keep the bush low and properly branched for the future crop, also aiding in root development.

Should you fail to pinch out when plants are small, it will be necessary to use system shown on Drawing Z or exercise care with late topping or cutting back not to open hollow stems so that water can get in and start stem rot. These openings can be stopped up with wax, plaster paris, or capped with cellophane. Should water get into the stalk, slit the stalk just above the nodes with the point of a sharp knife, and by twisting the knife let the water out.

Certain varieties branch to excess. These should be thinned out at intervals of two weeks, and not more than six shoots allowed to come into bloom for the first flowers. This affords the plant better air circulation and sunlight. Without plenty of air and sunlight your blooms cannot be fully developed and your foliage will be easy prey to mildew.

Pinching out once is best for varieties that branch readily, while pinching out twice will prove advisable on varieties that grow main branches rapidly and develop lower branches slowly.



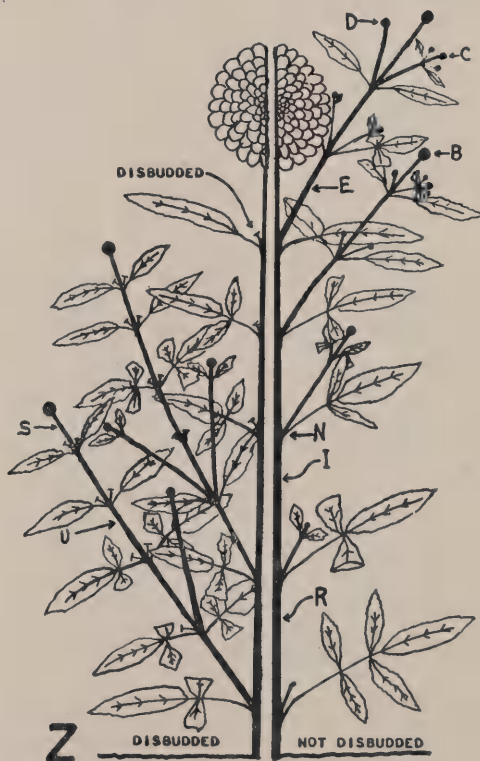
Drawing Y differs from X in that it is for a variety that is known as a crotch bloomer, or for a variety with short stems where the flowers are often down in the foliage. This is easily handled by side pruning, as indicated at F, using the secondary ter-

minal bud instead of the first terminal bud for your bloom. The **right side** of the drawing shows **natural growth** after pinching out twice, which is not desirable except for mass color in landscape effects.

Key Letters to Drawing

- B Terminal Flower Bud
- C Secondary Terminal Bud
- D Lateral Bud
- E Branch
- F Side Pruning, removing B and D
- I Internode
- L Lateral Branch
- N Node
- P Pinched out once
- P2 Pinched out twice
- R Stalk
- S Stem
- T Where shoot or bud has been removed
- U Stem Stalk

These drawings are made with the hope of making disbudding easier. The **left side** of each drawing shows half of the plant **disbudded**, while the **right side** shows the normal development of branches and buds on the same plant when **not disbudded**.



Drawing Z is another system, which is recommended for some varieties but can be used for most dahlias (except crotch bloomers) should you desire to see one early bloom. Our reason for not recommending this is that dahlias are not at their best in



the hot weather and this one bloom is not always up to expectation. Again, the right half shows normal branch and bud development when not disbudded, with most of the growth in the top of the plant. There are, however, a few varieties that need the mature foliage on the main stalk to keep the roots functioning properly, so when removing this crown bloom leave the central stalk and leaves on the plant but disbud the entire stalk, as shown on the left half of drawing.

Key Letters Used in Index

The key letter ahead of the price is our recommendation of the system to use in topping and disbudding for each variety listed.

V Do not disbud. For early blooms pinch out once or twice as indicated on right side of Drawings X and Y. For later blooms, cut back to about 6 inches above ground 6 weeks before you want blooms when growing in light soils; in heavy soil allow 7 to 8 weeks. Always leave the side shoots or branches to come into bloom. This system works very well for the smaller type dahlias; such as miniature, pompon, single, orchid flowering, anemone, and collarette; also for the larger dahlias when grown for mass color and landscape effects.

W Cut back six weeks before you want bloom leaving about six small branches for your first six blooms and disbud as soon as laterals are large enough by following Drawing X, if stems are naturally long, and Y when stems are short.

X, Y, Z See Drawings.

IRRIGATION

When your dahlias need water, wet the ground so it will penetrate about a foot deep when growing in light soil. In heavy soil, watering need not be as heavy, as it may be followed by rain and overwatering may result. Cultivate as soon as sufficient drainage has taken place, and do not water again until necessary, a good watering should last about a week.

Except as recommended below for insect control, do not spray your dahlia bushes, or sprinkle the surface of the ground every night or so, for this will only pack the surface, preventing air circulation and causing the soil to crust and dry rapidly in the sunshine. This also draws the feed roots to the surface, to be sickened by the heat of the sun's rays. The flowers produced are soft and the root development very poor, low in vitality and hard to winter.

Automatic overhead irrigation is the most satisfactory all-around system for light soils. It is ideal for the early growing season and we recommend its use in the middle of the day in bright sunshine during this period, as it will discourage thrips and leaf-hoppers and control red spider. If insects are bad we recommend sprinkling every two or three days from 1 to 1½ hours each time until insects are under control, then harden the plants off with less water and more cultivation. This will not only discourage in-

sects but help the plants out-grow the insect injury. When bushes are well developed and buds breaking it is best to water after nightfall, less often and more thoroughly. Once a week should be sufficient in real dry weather.

TILE DRAINAGE can be easily and inexpensively installed in heavy soil for irrigating in dry weather and afford drainage in wet weather. Arrange your rows of dahlias with natural slope and where each row of dahlias is to be planted, dig a trench about 15 inches deep and place in it a row of porous drainage tile with a uniform fall toward the low end. Connect the rows of tile across at top and bottom (glazed sewer tile tees suggested), install a gate valve at the low corner, and pipe off so that the water will readily drain away. On the high corner of your garden, install a vertical tile stand pipe in which a float valve or hose can be used for filling. In wet weather, leave the gate valve open to drain. In dry weather, close the gate and run water in stand pipe until you have given your dahlias a good drink by sub-irrigation. This system can be made still more efficient by filling in around the drainage tile with a coarse porous material, such as coarse ashes, or coarse sand, before filling level with regular garden soil. This installation will not be unsightly and last indefinitely.

CULTIVATION

By cultivating at least once a week, twice preferably in the early season, and as soon after rain or irrigating as the ground can be worked, the weeds will be held in check and a soil mulch formed which will conserve the moisture and lessen the need of irrigation.

As the plant develops and the feed roots come toward the surface, the ground should be worked rather shallow around the hill for the radius of at least a foot. Still work the balance of the ground rather deep and bring some fresh soil to the plant each cultivation, giving the plant a new supply of food and protecting the surface roots from the heat of the sun. Have the hills mounded 3 to 5 inches by middle of September. This will help support the stalks and protect the roots from freezing should an unexpected cold spell catch you before digging.

PESTS

THRIPS are tiny insects which in the nymph stage are less than ¼ of an inch long and a greenish gray color. They enter the growing leaf bud and chafe the newly formed leaves, injuring them so that they develop malformed and curled, also injuring the small flower bud and stem. These insects seem to enjoy the life blood of certain varieties on account of its flavor and do not molest the adjacent bush. If the attack is not checked the leaves will be gnarled and twisted, the buds one-sided or so injured that they dry up and fall off. This usually results in a stunted bush, which in reality is only debilitated by insect ravages.

LEAF-HOPPERS are larger than thrips and of a pale yellowish green color, a little over ⅓ of an inch in length. They fly when the bush is touched



during the heat of the day. These sucking insects do much to keep a plant from getting a good start.

APHIDS (plant lice) are soft-bodied, sucking insects which usually work on the under side of the leaves in groups, causing the leaves to curl. Thrips, leaf-hoppers and aphids are possible common carriers of virus diseases and should be kept in control for this reason, if for no other.

CONTROL. We recommend the following spray. For thrips and leaf-hoppers use 2/3 oz. (4 teaspoonfuls) of Pyrethrum Soap to 1 gallon of water, with the addition of Black Leaf 40 at the rate of 1 to 2 teaspoonfuls to the gallon of spray, according to the ability of different foliage to resist burn. This kills not only by asphyxiation, but also by the toxic action of the pyrethrum.

For plant lice use 2 teaspoonfuls Pyrethrum Soap to 1 gallon of water. Black Leaf 40 is not necessary.

Should a bush be infested with ants, spray bush and pour a few quarts of the Pyrethrum Soap spray Japanese beetle strength down the ant hill, or enough to fill the hill. This will do the dahlia no harm, but will kill the ants.

Do not mix more than you are going to use the same day. This spraying can be done at any time of day regardless of weather conditions, except rain.

Another control of thrips, leaf-hoppers and aphids is dusting with a good 3% nicotine dust. Apply in sunshine with temperature above 70 degrees at weekly intervals as a preventative from the time the plants are set or roots start to grow, and if any should appear then about every four days until they are controlled. For small plants a paper funnel on the end of the duster spout, held over the plant for about one minute when dusting, will increase the kill materially.

During windy weather when dust cannot be applied to advantage, overhead sprinkler used during the heat of the day will control red spider and check the leaf-hoppers and thrips. See "Irrigation."

By dusting or spraying before the presence of insects, it is doubtful if you will see any. As it is difficult to procure nicotine dust and pyrethrum soap in most localities, we are listing them under "Dahlia Growers' Supplies." Page 48.

INSECT CONTROL WITH A HOZE GUN is as simple as watering your garden. We have found this cartridge spray method very effective in the greenhouse as well for the control of Thrips, which is one of our most stubborn pests. A complete line of Insecticides and Fungicides is available, so practically all pests and fungus diseases can be controlled. It is the easiest way to spray of any method we have tried where a hose pressure of 35 lbs. or more is available. Full directions are supplied with each outfit. Descriptive pamphlet on request. See Hoze Gun listed on page 48.

RED SPIDER in late years has caused considerable damage to dahlias. This insect is barely discernible with the naked eye and works with such rapidity that you may have a row of dahlias today and within a few days or a week all the lower leaves

will be as brown as cured tobacco leaves. There will be a very fine white web in evidence on the under side of the leaf. These insects multiply very fast in dry, hot weather, do not like strong air currents, and cannot stand cold water, especially applied with pressure. Syringing or spraying will help in their control. A spray of one to one and one-half level teaspoons of Colloidal or wettable Sulphur to one quart of water will be found very effective, and two sprays two or three days apart should clean up the infestation entirely.

CUT WORMS are easily controlled by scattering about a teaspoonful of poison bran bait around the plant (but not touching it) as soon as plants are set or shoots appear from roots. The early evening is the best time to apply it.

2 tablespoonfuls of molasses or brown sugar (dissolved).

1 level teaspoonful of paris green mixed in. Juice of an orange or equivalent in water.

1 quart of bran or enough to make a reasonably dry mash.

COMMON STEM BORER. This black-and-white striped worm when small enters the stem just above the ground and usually works upward. It will be noticed in the early season by the shortening of the internodes and later on by wilting. When noticed early, cut the plant off near the ground and get the borer with your knife. If the borer is below where you want to cut back, use a hooked wire from the top. A plant cut back not later than July 15th should be in full bloom early in September. Wax, plaster paris or cellophane may be used to fill or cover the opening in the stem after borer is out, so water will not get in and rot the plant.

Should a plant be too large to cut back when borer is discovered, use pyrethrum soap at strength of 8 teaspoonfuls to gallon and inject with ear syringe. This will kill the borer or drive it out. Drain stalk out by slitting at the bottom to prevent stem rot.

EUROPEAN CORN BORER. This is a serious pest when infestation is heavy. This borer when very small enters just above the leaf bracket and eats out the inside of the node, weakening it so the first storm snaps off the stem. All weeds, corn or dahlia stalks should be either destroyed or dug in before May 1st as a precaution.

The U. S. Dept. of Agriculture Bureau of Entomology and Plant Quarantine of Washington, D. C. has accomplished much in research and development of control methods, and will forward you bulletin on **Protection of Dahlias from Infestation by the European Corn Borer** on request.

The New Jersey Agricultural Experiment Station of New Brunswick, N. J. has issued a bulletin on **Protecting Dahlias from Corn Borer Injury** which will be mailed on request.

FOR CORN BORER DUST made according to U. S. Dept. of Agriculture formula, see page 48.

STUNT. In all our years of experience with dahlias, we have dug and destroyed all unhealthy stock, and the results are most gratifying. This is properly



called rogueing. As there are a number of reasons why a plant should stunt, it is hard to tell the exact cause. However, we do know that rogueing is the only practical way of eradication, and believe some of the causes of stunt may be attributed to one or more of the following conditions:

First: From the lowered vitality as a result of poor culture, lack of cultivation, etc., or forcing the stock with manure and water the previous season.

Second: The ravages of attacking insects, thrips, leaf-hoppers, red spiders, stem borers, etc.

Third: The rotting of the feed roots caused by chemical burn, too much water, where drainage is poor, or water in the hollow part of the stem.

Regardless of cause, all stunt should be dug out and destroyed. Our many years of this practice leaves us less than 1 per cent to dig annually on most varieties.

MILDEW. Gray spots on the leaves sometimes covering the entire leaf are the result of the growth of fungus spores known as Mildew. This is a result of a condition—lowered vitality—caused by lack of or an oversupply of water, planting too close without proper air circulation, or extremes. These adverse growing conditions are conducive to Mildew.

Spray with plain Bordeaux Mixture as prescribed on package once a week, preferably before the spots appear.

CUT FLOWERS

Dahlias should be cut in the evening or early morning, removing the lower leaves and all of the buds of the large varieties, if not disbudded. Immediately put in water in a cool dark place to freshen for a few hours.

Hot Water Treatment—Cut and freshen as above, then put stems in 1 inch of water, almost boiling, for 1 to 2 minutes. Then place in deep cold water to cool. Flowers are then ready to ship by packing in a strong corrugated box lined with tissue paper. Fasten stems down by nailing a wooden strip in the center of the box or by tying down through the bottom. Flowers packed snugly will carry better than when packed loose and allowed to batter.

Flowers when wilted can be freshened by cutting end of stem and placing in hot water as above. If necessary to completely freshen flower, repeat this operation but cut off discolored end of stem before again placing in hot water.

The hot water treatment will do wonders in making your exhibition blooms keep fresh after staging, but do not cut off the discolored end of stem unless you are again going to treat it.

The physical action of a cut flower is to take water up into the stem which evaporates through the flower and foliage. The slower this action of evaporation or transpiration takes place, the longer the life of the flower. From this you will see that buds and foliage will shorten the life of your flower. Also avoid placing cut flowers in a draft.

DIGGING and STORING

After the first killing frost, cut off the tops at the ground and allow a few days for the stalks to bleed out before digging. Care should be exercised so that

the necks of the tuberous roots will not be broken. Loosen the roots by prying with a garden fork thrust in the ground about a foot from the crown, preferably all the way around, before attempting to remove clump. Two forks, if available are even better. Cut the stalk back again to about 2 inches above the crown. Then by tapping on the cut stalk endwise with a light instrument, most of the dirt will free without injury to the necks of the roots. Dry in the sun a few hours, and your clumps are ready to store.

A root or white potato cellar is preferable with a temperature of 40 to 45 degrees. In this they need no protection or covering. The average house cellar is too dry and hot, and in such conditions the clumps should be placed in the coolest part and packed upside down in a tight box in practically dry sand, ashes, or peat moss.

When packing in dry material, such as peat moss, care should be exercised, first, not to allow clumps to sit around and shrivel before packing away, but pack away the same day as dug if you are using dry peat moss as it comes from the bale. Second, do not use more peat moss than necessary to just barely cover each layer of clumps before putting in the next layer. The reason for this precaution is that all root crops sweat when taken into storage. The purpose of the peat moss is to absorb this sweat and conserve it for later on when the roots need it. Therefore, too much peat moss will cause your roots to dry out.

After the roots are stored a month, it is well to look them over, trim out any portion showing rot and dip all the fresh cuts in one part sulphur and two parts ground gypsum, and pack them back again as before. Should the roots show signs of shriveling, place dampened peat moss over the top of the box to prevent further drying.

Dahlia roots air dried and so packed should keep well until spring with no further handling, providing they were grown properly, well ripened, and not frosted.

DIVIDING CLUMPS

Dahlia clumps can best be divided with the aid of double cutting pruning shears and a pruning knife. Broken necks and fibrous roots should first be removed as the eyes are on the crown and never on the root proper. Then proceed to divide with shears or knife. Care should be exercised to have a piece of crown with an eye on each one or two roots. Clumps should never be planted without dividing.

WHEN TO DIVIDE. For the amateur in this latitude, clumps are better not divided until early April when the eyes should appear if crowns have kept well up to this time. Clumps can be divided in January and February but on early dividing it is not advisable to cut apart to single root divisions, but rather divide a clump into two to four pieces, dipping cut portions as recommended above and repacking as before, changing moisture content to correct either drying out or too much moisture which may have started eyes developing too rapidly.



FORMAL DECORATIVE DAHLIAS

DEMOCRACY (Wiegand-Dahliadel 84A), Bloom 9 x 6, Bush 4 ft. This variety reminds one of a huge chrysanthemum. The lateral blooms face the side and might be called yellow Jersey Beauties as they are a deep primrose yellow shaded golden yellow. Flowers can be grown for exhibition on the central branches of the bush and as a cut flower on the side or lateral branches. Strong, straight stems, full centers, healthy foliage, early and profuse bloomer. Certified at Storrs. Roots, .50

FRAU MARIE KIPKE (Bruidgom 83B), Bloom 7 x 3, Bush 4 1/2 ft. A novel flower somewhat similar to Laetare, of striking orange scarlet tipped yellow. The tipping is more pronounced near the center making a very showy and unusual color combination. Roots, .50

MARY ELLEN (Loller 83A), Bloom 10 x 5, Bush 5 1/2 ft. A seedling of Mrs. I. de Ver Warner, and like its parent has similar plant growth. In color it is violet rose with a leaning toward mauve pink. Flowers easily attain good exhibition size. Bushes sturdy and well proportioned. Blooms are medium late. Roots, .50

PURPLE MIST (Emmons-Ruschmohr 85A), Bloom 10 x 5 1/2, Bush 5 ft. In color a purple garnet similar to Thomas Edison. Strong, sturdy stems on a bush which is extremely rugged. Foliage thick and dark green. Flowers keep marvelously well. Achievement Medal winner and certified E. Lansing. Roots, .75; Pot Roots, .50; Plants, .50

SANHICAN'S CAMEO (Sanhican 83A), Bloom 10 x 5, Bush 5 ft. Cameo pink shaded mallow pink on reverse of petals, which gives it a distinctive color. Bush growth is very sturdy and flowers held well on long stems. Keeping qualities are good. Roots, .35

SULTAN OF HILLCREST (Hillcrest 84A), Bloom 11 x 6, Bush 3 ft. The unique form with the petals recurving to the stem immediately attracts attention. Huge blooms of lemon yellow with reverse of rosy pink on strong stems give an unusual color effect. A dahlia for the largest bloom class as it will stand extra feeding. Certified at Storrs. Roots, .50

THOMAS A. EDISON (Dahliadel 84A), Bloom 9 x 4 1/2, Bush 4 ft. Impressive blooms of staghorn formation. In color a royal purple or petunia violet. Stems are exceptionally heavy and strong and the bush makes a thrifty growth. Edison grows rather slowly and appreciates extra culture and fertilization. Grow according to Drawing Z. The grand total of its many awards will compare favorably with any dahlia in commerce. Roots, .50

WHITE PROLIFIC (Williams-Dahliadel 84B), Bloom 6 x 4, Bush 4 1/2 ft. A satisfactory cut flower of commercial white. This one is early, branches well, has good stems and is prolific with blooms. The blooms are of good form with tight backs, and the petals are nicely serrated. Might be termed the "cut and come again dahlia." Roots, .35



Purple Mist



Golden Bounty

GOLDEN BOUNTY (Chick-Dahliadel 85A), 1938, Bloom 9 x 6, Bush 4 ft. Rich lemon yellow flowers on sturdy, compact bushes with foliage resembling holly. Blooms are so deep and full they revert to the stem. Bush easily grown and produces an abundance of blooms from early until late. While the stems are somewhat short in field culture, this variety grows taller in the garden and gives universal satisfaction. A favorite with our customers. Roots, \$1.00; Pot Roots, .65; Plants, .50



Red Salute

FORMAL DECORATIVE DAHLIAS—Continued

RED SALUTE (Salem 85A 85B), Bloom 8-9 x 6, Bush 5 ft. Formality characterizes this sturdy variety. In color the blooms are a bright cardinal red, and are produced in profusion. Bush "has what it takes" to stand adverse growing conditions, and produces its blooms from early until late.

Roots, \$1.00; Pot Roots, .65; Plants, .50

DAHLIADEL GOLD (Dahlia 83A), Bloom 11 x 5, Bush 4½ ft. Naturally mammoth blooms of golden yellow lightly suffused coral, somewhat darker at center. Bush growth is robust with dark leathery foliage. Do not overfeed this variety, particularly with nitrogen, or the stems will not properly support the heavy blooms.

Roots, .50; Pot Roots, .50

FRANCIS LAROCCA (Rindfleisch 84B), Bloom 6 x 3, Bush 4 ft. Pale sulphur yellow, very satisfactory as a cut flower. Blooms profusely on good stems. Vigorous grower.

Roots, .25

HONEY DEW (Greenough 83A), Bloom 10 x 6, Bush 5 ft. Soft pink overlaid yellow and cream. Tremendous bush growth and massive flowers. For those who like pastel shades and vigorous strength in the bush, this variety fills the bill.

Roots, .75; Plants, .50

KENTUCKY SUN (White 84B), Bloom 7 x 5, Bush 5 ft. Although we have other yellow Formal Decorative dahlias, this clear, light lemon yellow variety just seems to grow and produce quantities of large uniform blooms. Strong stems. Glossy green foliage. Withstands a lot of adverse conditions. Achievement Medal winner.

Roots, .50

MARYLAND GLORY (Maryland 84A), Bloom 9 x 5, Bush 4 ft. A satisfactory and popular variety. Blooms from early until late. Perfect blooms of Tyrian rose shaded crimson carmine, borne in profusion on good stems. A fine strong grower.

Roots, .35

MONA GOLD (82A), Bloom 9 x 6, Bush 5 ft. Apricot yellow lightly suffused soft peach red with a general appearance of old gold. Good form.

Roots, .50

MONARCH OF THE EAST (Almy 84A), 1938, Bloom 11 x 5, Bush 5 ft. A giant dahlia on sturdy tree-like bush. Has been grown as large as any. The color is light rich cadmium yellow with coral red shadings on reverse. Certified at Storrs.

Roots, \$1.00; Plants, .50

MONMOUTH CHAMPION (Kemp 82A), Bloom 10 x 4, Bush 5 ft. Still admired by many. Blooms a vivid orange scarlet. Bushes grow with vigor and produce many blooms. Stems adequate.

Roots, .35

MRS. I. DE VER WARNER (Marean 80A), Bloom 10 x 3, Bush 6 ft. The grandmother of many of our best dahlias. For over 20 years in commerce, and with Jersey Beauty probably shares the widest distribution. Bright lilac rose in color with weed-like growth.

Roots, .25

VOLCANO (Richwood 84A), Bloom 11 x 7, Bush 4½ ft. An orange flame red which holds its color in the sun. Foliage is heavy and leather-like. A contestant in the largest bloom class. Has given satisfaction wherever grown. With its other attributes, it keeps well and has perfect stems.

Roots, \$1.50; Pot Roots, \$1.00; Plants, .50

WOTANA (Mountford 84A), Bloom 10 x 5, Bush 6 ft. A massive flower of orange and buff. Giant bush of unusual vigor, with healthy rugged foliage. Color particularly fine in uniform blooms. Stems seem at times a little weak to support such large blooms.

Roots, \$5.00; Plants, \$2.00

DAHLIADEL SCORE SHEET (New)

NAME Type.....

[] Landscape—Originator Color.....

Small Medium Large

S..... B..... A.....

20.....20.....20 Color + Clear + Bright + Attractive + Useful
-4 Muddy -2 Dull -3 Fades -3 Burns

15.....15.....15 Form + Uniform + Artistic + True to type
-4 Deformed -2 Ordinary -2 Varying

5.....5.....5 Distinctiveness in Form, Color or other quality
(Superior or different from existing varieties)

3.....0.....10 Size (Disbudded Diameter . . . x Depth . . .
(Natural) . . . x . . .

20.....20.....20 Stem + Strong + Erect [] + Long + Graceful + Proportion
T X / -3 Weak -3 Crotch -3 Crooked -3 Poor proportion

15.....15.....20 Foliage + Health-Vigor + Rugged + Proportion
& Bush -5 Poor-Weak -3 Succulent -3-Poor pro.

12.....15.....10 Substance Petals + Firm + Thick + Back good
-3 Soft -2 Thin -2 Wilt -2 Fall

10.....10.....0 Floriferous + Profuse + Early

[].....[].....[Uniformity Bench] -3 Shy -4 Late

S..... B..... A Total Score Bush height.....Ft. Pinched back

Color Description



FORMAL DECORATIVE DAHLIAS—Continued

AMERICAN VICTORY (American D. F. 85A), 1940, Bloom 10 ■ 6, Bush 5 ft. Rich oxblood red, a solid color extending through the petals. This means it stands the sun without shading. A splendid bush with dark green foliage. Strong, well proportioned stems. Achievement Medal winner at Scranton and Birmingham. "Very good" and "extra good" appear on our own field notes.

Roots, \$5.00; Plants, \$2.00

AZTEC CHIEF (Comstock 83A), 1940, Bloom 11 ■ 6, Bush 4½ ft. Tomato red shading to scarlet and peach red. Sturdy bush and good stems. Winner of many blue ribbons. We are not altogether satisfied with this dahlia so far, and are listing it largely because of its excellent record. Plants, \$2.00

BLUE RIVER (Salem 85A), Bloom ■ x 3, Bush 4 ft. Almost blue as it is deep lilac or bluish mauve. Fine bush and strong foliage. Certainly distinctive in color and quite popular, and wins consistently. Roots, .50; Pot Roots, .50; Plants, .50

COSSACK (Dahlia del 83B), Bloom 7 x 5, Bush 5 ft. Deep cardinal red that we have been using for years commercially. Good stems and centers. A fine root maker. Roots, .35

MISS OAKLAND (Oakleigh-Lakeside 85A 85B), Bloom 8 x 5, Bush 4½ ft. There are few good white Formals suitable for exhibition. This is decidedly even and uniform and a good, clear white. Long, erect stems with leathery, insect-resistant foliage. Certified at East Lansing and at Storrs.

Roots, .75; Pot Roots, .50; Plants, .50

MRS. JAMES ALBIN (Badetty 84B), 1940, Bloom 6 x 3, Bush 5 ft. Soft lemon yellow. Strong bush and excellent foliage. Did well at Storrs in '39. As a yellow commercial we feel it has possibilities.

Roots, \$3.50; Plants, \$1.25

OAKLEIGH MONARCH (Oakleigh 83A), Bloom 10 x 6, Bush 5 ft. Blood red flower which has done particularly well in the South. Stems strong and erect and flower easily attains exhibition size. With us bushes are inclined to lack vigor in field culture and quite a few flowers show green centers. Listed as it has done well for others in good garden culture.

Roots, .50; Plants, .50

OMAR KHAYYAM (Stout-Dahlia del 83A), Bloom 2 x 5, Bush ■ ft. Still a favorite with many. The unusual coloring is a Chinese red, shading to a bright orange and tipped lighter, making a wonderful soft color effect. It is a tall, healthy grower, with strong foliage and a good root maker. Cert. at Storrs.

Roots, .35

ON PARADE (McDowell-Parkway 83B), Bloom 6 x 3, Bush 5 ft. Soft violet rose with lighter shadings. Bush grows well and flowers are held nicely on good stems. This variety is inclined toward the Ball type as the blunt petals quill enough at times to get it under the rope.

Roots, .50



Darcy Sainsbury

DARCY SAINSBURY (Australia 86A 85B), Bloom 8-9 x 4, Bush 5½ ft. This creamy white has rapidly become a standard for others to follow. Produces nearly perfect blooms, sometimes leaning to the Informal, on bushes which meet all requirements. Stems are good and hold flowers facing. This white does particularly well in the South as it stands heat well. One of the very best Australian introductions and highly recommended. This variety can be grown to exhibition quality, either over or under 8 inches. Roots, \$1.00; Pot Roots, .65; Plants, .50

PIUS XI (Europe 84B), Bloom 7 x 4, Bush 4 ft. A true bicolor majestic in its beauty and well named. A rich clear yellow with distinctly white tips. An occasional flower self-colored. Bushes, however, are inclined to be temperamental, a percentage showing lack of vigor.

Roots, \$1.00; Pot Roots, .65; Plants, .50

VICTORY (Asther-Ruschmohr 85A), 1940, Bloom 10 x 6, Bush 4½ ft. Rose pink suffused gold. Here is a real knockout for sheer beauty. Flowers keep well and stem and bush growth excellent. Probably the most beautiful pink Formal Decorative to date.

Roots, \$5.00; Plants, \$1.50

TRIAL GROUNDS

The Trial Grounds are all doing a magnificent work. Even the unofficial trial grounds are furnishing important data aiding in selection of varieties for particular localities.

Dahlias which have received certificates at the official Trial Grounds at Storrs, Conn., East Lansing, Mich., Ohio Valley Dahlia Association at Cincinnati and West Virginia at Fairmont are marked in our catalog "Certified at Storrs, E. Lansing, O.V.D.A. or W. Va." An Award of Honor, Georgia refers to the Dahlia Society of Georgia at Atlanta.

Seedlings may be sent to any of these Trial Grounds where they will be carefully grown, tested and scored. Fee for each variety is \$3.00 and three roots or plants of each variety must be sent. No entry fee is required by the Georgia Dahlia Society. Write for entry blanks and instructions from the Trial Grounds you may wish to enter. List and addresses of official Trial Grounds will be sent on request.



Haslerova

FORMAL DECORATIVE DAHLIAS—Continued

HASLEROVA (Svajner 86B), Bloom $7\frac{1}{2}$ x 4, Bush 5 ft. Delicate lavender almost white flecked and spotted French purple. An "oh" and "ah" flower with our visitors. A true bi-color and as striking as any. Stem, foliage and bush growth very satisfactory. This variety is well worth a place in any planting. **Roots, .75; Pot Roots, .50; Plants, .50**

BEETHOVEN (Bruidegom 84B), 1941, Bloom 5 x 3, Bush 4 ft. An intense violet rose, which is most attractive and admired by many. Although the flowers are only medium in size, the variety has a place in the Dahlia World as it is an unusual color and likes to bloom profusely.

Roots, \$3.50; Plants, \$1.25

BUCKEYE BRIDE (Roberts-Golden Rule 82B), Bloom 7 x 5, Bush 6 ft. Still a favorite with many. The bush is a tall, rugged grower. Early continuous blooms on long, erect stems. Color, an even shade of shrimp or salmon pink.

Roots, .50

CAVALCADE (Fenton-Dahliadel 83A 84B), Bloom 8 x 5, Bush $5\frac{1}{2}$ ft. In form and bush growth this dahlia resembles Jersey Beauty. It is, however, larger and two or three shades darker. Fine for home and florist use as it is a decided change from Jersey Beauty in a rich, deep rose with tones of rosy magenta. A good root maker.

Roots, .35

DEEP PURPLE (Stephenson-Ruschmohr 85A), 1940, Bloom 11 x 7, Bush 5 ft. Probably the largest, true purple Formal developed to date. Can be grown 12 to 13 inches. Certified at Storrs and E. Lansing, '39. Blooms borne erect on stiff stems, with flowers facing the side. Dark, leathery, insect-resistant foliage. A big fellow that must be reckoned with on the show table, but inclined to be rather late with us.

Roots, \$7.50; Plants, \$2.50

DAHLIADEL NURSERIES



ELITE GLORY (Kennedy 83A), Bloom 10 x 4, Bush $4\frac{1}{2}$ ft. A "long term" dahlia which is still popular and still good. Color, rich red. Blooms large, of good form and substance and held erect on strong stems. Blooms medium late.

Roots, .35

ELITE SPORT (Dahliadel 84A), Bloom 9 x 5, Bush $4\frac{1}{2}$ ft. A sport of Elite Glory identical in every respect with its parent, except the color, which is a beautiful buff striped and speckled crimson. As is common with many sports, this dahlia may revert at times and throw solid red flowers.

Roots, .50

GRACE (Bibbs 84B), Bloom 11 x $2\frac{1}{2}$, Bush 5 ft. A very free blooming dahlia similar in form to Jersey Beauty, but producing many more blooms. Has good, full centers throughout the season. Color, pure white tipped and suffused lavender. A leading cut flower; stems good.

Roots, .25; Pot Roots, .25

JERSEY BEAUTY (Waite 86B), Bloom $6\frac{1}{2}$ x 4, Bush $6\frac{1}{2}$ ft. This beautiful pink is undoubtedly the most universally grown dahlia. For years has been "the" commercial cut flower, and still easily maintains its foremost position. Flowers have perfect form on long stems. One of the best keepers.

Roots, .35

JERSEY WHITE BEAUTY (Waite 84B), Bloom 7 x 3, Bush 5 ft. A white Jersey Beauty, which also has exceptional keeping qualities. Centers always good and petals tightly arranged. However, the petals curl and twist more than Jersey Beauty. Quite early and profuse in blooms.

Roots, .75; Plants, .50

KENTUCKY (Castlewood 85B), Bloom $6\frac{1}{2}$ x 4, Bush $6\frac{1}{2}$ ft. A sport of Jersey Beauty, which seems to be even a stronger grower. The flowers have the same ideal characteristics of form and substance. The basic color is Jersey Beauty pink with yellow and gold blended in, making its general effect salmon pink. Good for cutting.

Roots, .35

LOIS WALCHER (Walcher-Geneva 85B), 1939, Bloom 7 x 4, Bush $4\frac{1}{2}$ ft. A true purple with outer third of petals clear white. A bi-color which has won six American Home Achievement Medals and certified at E. Lansing and O. V. D. A. Sturdy growth and good stems. This variety, however, is producing many rather small blooms throughout the country and while still sensational is losing somewhat in popularity.

Roots, \$3.00; Pot Roots, \$2.00; Plants, \$1.00

PHANTOM (Berger 84A), Bloom 11 x 5, Bush 5 ft. Deep violet purple with distinctly white tips. Petals are long and broad. Strong growing bush, and excellent stems. While many flowers show an uneven distribution of color, still a fine bi-color for the garden and for exhibition purposes. The demand for this dahlia shows a steady increase.

Roots, .50; Pot Roots, .50; Plants, .50

THE WORLD (Dahliadel 84A), Bloom 9 x $4\frac{1}{2}$, Bush 5 ft. The color is rich, deep rosy magenta, overlaid garnet, with silver shadings on edges of petals. Full, perfect centers. Stems erect and strong. A heavy, strong growing plant with leathery foliage. The substance is good, but the blooms are best in cool weather.

Roots, .35



FORMAL DECORATIVE DAHLIAS—Cont.

BIG FOUR (Carlee 84A), 1939, Bloom 10 x 6, Bush 5 1/2 ft. A pastel combination of cream suffused violet rose. The attractive and uniform flowers are held well on long, strong stems. The bush growth is unusually strong and rugged. Well worth a place in any planting. **Roots, \$2.00; Pot Roots, \$1.30; Plants, .75**

FIRE BALL (Hillside 84B), Bloom 7 x 5, Bush 4 1/2 ft. A fine shade of cardinal or scarlet red in a true Formal dahlia of even form. The foliage is bright green and healthy. Bush at times seems indifferent in growth, and can stand a little extra feeding. Award of Honor, Ga. and Cert. at E. Lansing. **Roots, .75; Pot Roots, .50; Plants, .50.**

GRAF ZEPPELIN (Nolet 85B), Bloom 7 1/2 x 4, Bush 7 ft. If you have a rather poor spot in your garden where other varieties are sulky growers, plant this variety there and be surprised. The bush sure has vim, vigor and vitality. Medium size white flowers on strong, erect stems, and good for cutting. **Roots, .35**

LUELLA CASS (Hosack 84B), Bloom 7 1/2 x 4, Bush 4 ft. A bright and clean shade of bright rose pink shading to soft rose. A commercial pink of fine form. Grows with vigor and stems good. **Roots, .50**

QUEEN CITY (Golden Rule 84B), Bloom 6 x 4, Bush 3 1/2 ft. A light cherry red in color. Flowers have a tendency to fade, and should be cut before fully developed and allowed to open in water. Then it makes a good cut flower. **Roots, .50**

ROSEMARY (American D. F. 85A), 1938, Bloom 9 x 5, Bush 5 ft. This is a sport of Treasure Island with color a clear phlox pink or lilac, making it a desirable cut flower as well as a strong contender in the Formal Decorative Lavender Class. A rugged growth with blooms early and free. Top and prune bush the same as Treasure Island. **Roots, \$1.00; Plants, .50**

TREASURE ISLAND (Dahliadel 85A), Bloom 9 x 5, Bush 5 ft. Bright apricot with gold and rose suffusions and shadings. Bush growth strong and drought-resistant. This variety must be grown according to Drawing Y for first blooms and then follow Drawing X for balance of season. When allowed to grow naturally produces a mass of blooms for landscape effect. **Roots, .50; Pot Roots, .35**



The Governor

THE GOVERNOR (Berwick-Dahliadel 86A), 1940, Bloom 11 x 6, Bush 5 1/2 ft. A Formal of bright sulphur yellow. The form is excellent with the long, broad petals going back to stem. Long, strong, erect stems holding flowers in a perfect position. Bushes are rank growers and seem entirely immune to insect attacks. Blooms are produced in great quantities in good form from very early until frost. As we predicted in 1940 it has done splendidly everywhere, and has already taken its place as the leading yellow Formal. Has won prizes too numerous to list and seems destined for a long life as a leading dahlia. Named in honor of Governor Herbert O'Connor of Maryland. Tied for second place on the 1940 Futurity. **Roots, \$4.00; Pot Roots, \$2.65; Plants, \$1.50**

W. H. T. (McCarrol-Schling 82A), Bloom 9 x 5, Bush 6 ft. This pleasing variety is a shade not common in large dahlias, of rich old rose or Begonia rose with mauve shadings on the reverse of petals. It is a tall robust grower. Petals open back to the stem. **Roots, .35**

Varieties on this as well as other pages in this catalog are the same form bloom as illustration



Mary Helen

BALL DAHLIAS

MARY HELEN (Alling 85B), Bloom $4\frac{1}{2} \times 3\frac{1}{2}$, Bush 5 ft. The Queen of the clear yellow Ball dahlias. Deep canary of a most pleasing shade. The plants are vigorous and produce quantities of well-formed blooms on good stems. Very desirable and a winner on the exhibition table. **Roots, .50**

CHARLOTTE CALDWELL (Creeside 85B), Bloom 5×3 , Bush 3 ft. A large, uniform Ball of excellent form. A leading exhibition variety on very strong stems. Color is bright apricot suffused coral. A strong bush with healthy, rugged foliage. Gives general satisfaction. **Roots, .75; Plants, .50**

CROWN OF GOLD (Kennedy 84B), Bloom $5 \times 2\frac{1}{2}$, Bush 3 ft. Can be described as being similar to Gold Medal with much less red. Deep lemon yellow suffused peach red mostly on reverse of petals. Good stems, profuse and early. **Roots, .50; Plants, .50**

GOLD MEDAL (Keynes 85B), Bloom $4\frac{1}{2} \times 3$, Bush $4\frac{1}{2}$ ft. Sunflower yellow, heavily tipped and suffused Oriental red. Believe it or not it is popular as a cut flower in some of our cities, and used extensively on the show table. **Roots, .50; Plants, .50**

JAYSEEDEE (Draude 84B), Bloom $4\frac{1}{2} \times 3\frac{1}{2}$, Bush $4\frac{1}{2}$ ft. Soft reddish violet striped and speckled rich red. Has had a long era of popularity, and while an indifferent grower, has a strikingly individual coloring. **Roots, .50**

KENTUCKY SNOWBALL (White 85B), Bloom 3×2 , Bush 3 ft. A pure white which does not burn. Blooms profusely and stems long and erect. Must not be overfed or blooms may lose their regularity of form. A much needed variety in the Ball Class. **Roots, .50; Plants, .50**

MAUDE ADAMS (Alexander 83B), Bloom $4\frac{1}{2} \times 3$, Bush $3\frac{1}{2}$ ft. White, suffused soft violet rose. Attractive. **Roots, .35**

MRS. C. D. ANDERSON (Alexander 85B), Bloom $5 \times 3\frac{1}{2}$, Bush $4\frac{1}{2}$ ft. A rosy magenta of good size with strong stems. Bush growth is strong and rugged. Its perfect form makes it a winner on the exhibition table. **Roots, .35**

SUPT. AMRHYN (85B), Bloom $4\frac{1}{2} \times 3$, Bush $4\frac{1}{2}$ ft. A dandy for exhibition and home use. A lovely Tyrian pink on strong growing bushes. Stems excellent. One of the most popular of the Ball dahlias. **Roots, .50**

PEONY DAHLIAS

MRS. FRANCES E. BULLARD (Broomall 82A), Bloom 9×4 , Bush $4\frac{1}{2}$ ft. The petals are long, pointed and gracefully twisted, forming a very distinct flower of a clear silvery pink, shading lighter at the center. **Roots, .35**

DAHLIA SEED

Sow in flats or frames in early spring in light soil, cover the seed not more than one-fourth inch about the same as you would tomato seed. When first pair of true leaves are well developed transplant into small pots or flats and grow in cool temperature until they can be planted in the garden. Should they get too large pinch back and shift to larger pots giving them room.

DAHLIA SEEDLINGS never come true to their parentage, but do usually show some similar characteristics in form, color or bush growth. You cannot grow seedlings of a named variety and produce the same variety.

CACTUS AND SEMI-CACTUS SEED (California grown). A mixture made up including such varieties as Satan, Miss Belgium, Julius C. Bunge, Lac-tare and Enkart Prima.

20 Seed, \$1.00; 100 Seed, \$5.00.

DECORATIVE SEED (California grown). A mixture made up from seed of named varieties including seed from such dahlias as Miss Oakland, Oak-leigh Monarch, Jane Cowl, Margrace, etc.

20 Seed, \$1.00; 100 Seed, \$5.00

CACTUS AND DECORATIVE SEED. Mixed (Cal. grown).

20 Seed, \$1.00; 100 Seed, \$5.00

COLLARETTE SEED (DahliaDel grown). Saved from our Collarette varieties should produce mostly Collarettes and Singles.

35 Seed, .50; 100 Seed, \$1.00

MIXED MINIATURE SEED (California grown). A mixture of very fine Decorative, Cactus and Peony type Miniature dahlias. **35 Seed, \$1.00**

ORCHID FLOWERING SEED (DahliaDel grown). Produces orchid flowering dahlias consistently for us, with some type and considerable color variations.

35 Seed, .50; 100 Seed, \$1.00

SINGLE SEED (DahliaDel grown) saved from our finest Single dahlias. If you want a mass of mixed colors in your garden, try planting some of these seed. They should be planted close for this effect.

50 Seed, .40



DWARF DAHLIAS

A wonderful new race of dahlias which are particularly adapted for landscape planting in beds or borders that have attracted much attention in our Trial Grounds. They start blooming early in the summer when only about one foot high and bloom continuously until frost, growing to about two feet in height, except where heights are noted. These dwarf dahlias are very useful for forcing in pots indoors.

EASTER GREETING, SC, Bloom 4 x 1½. This is the original variety of this type and may be grown in pots as a blooming plant and is useful as a cut flower. White with a creamy cast.

Roots, .50; Pot Roots, .50; Plants, .50

ELEANOR, FD, Bloom 4½ x 1½. Bright deep scarlet, which is very striking in the garden. Does not always come with full centers. Fine for landscape and border effects.

Plants, .50

ELSIE, SC, Bloom 4½ x 2½. One of the best. Color, soft peach red shading to lemon yellow at center. Blooms are of fine form.

Roots, .50; Pot Roots, .50; Plants, .50

FRED SPRINGER, FD, Bloom 6 x 3, Bush 2½ ft. Larger blooms and taller than the other Dwarf varieties but a rich scarlet in color with bright green fern-like foliage which is very effective in mass plantings.

Roots, .35

GERDA, ID, Bloom 4 x 2. Deep violet rose, which is a decided acquisition to the Dwarf class. Flowers are held on long stems well above the foliage.

Roots, .75; Pot Roots, .50; Plants, .50

GERTRUDE, Dwf, FD, Bloom 4 x 1½, Bush 1½ ft. The best clear primrose yellow in this Dwarf class. A very good variety with uniform blooms.

Roots, .50; Pot Roots, .50; Plants, .50

JULES BUYSSENS, M P, Bloom 2½ x 1. Flowers yellowish buff suffused red. Foliage very dark. To us the coloring is not bright but a rather dull bronzy buff, but it seems popular with many fanciers.

Plants, .50

KATE, FD, Bloom 4 x 2, Bush 1½ ft. A bright cardinal red which makes a striking variety used in mass plantings. Blooms are attractive, uniform, and good for cutting.

Roots, .50; Pot Roots, .35; Plants, .50



Maria

MARIA, SC, Bloom 4 x 2, Bush 1½ ft. A pure white resembling Easter Greeting and considered an improvement by many. Centers very good but not quite as tall a grower as its twin.

Roots, .50; Pot Roots, .35; Plants, .50

PARK YELLOW, ID, Bloom 4½ x 2, Bush 1½ ft. Clear, lemon yellow with heavy foliage. Profuse in blooms, and decidedly worthwhile in this type.

Plants, .75

ROSALIE, Dwf, SC, Bloom 4 x 2. Color, bright violet rose shaded lighter at center and tips. A very good grower and a desirable variety.

Roots, .50; Pot Roots, .50; Plants, .50

RUBY MAE, SC, Bloom 5 x 3. A deep, crimson red with a purplish cast. One of the finest Dwarfs as it produces a nicely rounded bush and well-completed Semi-cactus blooms.

Plants, .50

URSULA, ID, Bloom 5 x 2. Dark, oxblood red. For those who prefer dark reds, this variety will contrast better with the lighter colors.

Roots, .50; Pot Roots, .50; Plants, .50

ANY .50 VARIETIES (Roots, Pot Roots or Plants)
10 for \$4.00

COLLECTION L. One each of the above Dwarf Dahlia Plants (except Fred Springer) 12 in all, \$4.75

DAHLIAS THAT FIT IN YOUR GARDEN

The following list includes both large and small varieties that we recommend for landscape plantings. Bushes are dwarf yet produce a mass of color through the entire season. Suitable for borders or special groups in the garden. Especially useful as specimen plants with background of evergreens or similar material. These varieties may also be used for cut flowers.

Garden lovers are ever on the alert for new ideas, and such progressive efforts are to be applauded. We heartily recommend a trial of the smaller growing dahlias listed below for landscape effects. Why not be one of the leaders in using these free blooming dahlias to produce unusually beautiful effects?

RECOMMENDATIONS FOR LANDSCAPE PLANTING

LARGE DAHLIAS

Golden Bounty
Golden Prince
Hillside Gold
Isis
Limelight
Mrs. Bruce Collins
Treasure Chest

POMPONS

Betty Anne
Bob White
Chita
Jack
Reginald
Sherry

MINIATURES

Bishop of Landaff
Buckeye Baby
Forest Fire, Jr.
Little Diamond
Little Miss Prim
Nesthaken
Olympic Fire
Petit Sonne
Pink Lassie
Red Eye
Red Robin
Snowsprite
Thrill (Single)
Tip



Tribune

COLLARETTE DAHLIAS

TRIBUNE (Dahliadel 85), Bloom 5, Bush 4 ft. A deep, rich crimson carmine with white collar petals that are edged carmine. One of the best Collarettes for cutting. Early and continuous blooms on stems that hold erect after cutting. Showy in the garden. **Roots, .50**

DARK LUSTRE (Dahliadel), 1941, see page 3.

ERICA (Ballego 85), Bloom 4½, Bush 3 ft. Deep amaranth red, almost black. Collars of same tone with white tips. Unusual and striking. **Roots, .50**

FANDANGO (Mack 84), 1940, Bloom 4, Bush 3 ft. Deep crimson red with collar the same color flaked yellow and white. Highly recommended by some, but with us bush shows lack of vitality. **Plants, \$1.00**

FILLE (85), Bloom 5, Bush 4 ft. Bright yellow with self-colored collar. Fine stems. Outstanding and attractive in the garden or in the show room. **Roots, .50**

FRANK HARRIS (85), Bloom 4, Bush 3 ft. Bright red with a very long red and cream collar. A good grower and very striking. **Roots, .50; Plants, .50**

GEANT DE LYON (Vilmore 84), Bloom 5, Bush 4 ft. Rich velvety carmine maroon, with long cream color collar. Free, early flowering on erect stems. **Roots, .75; Plants, .50**

MITZI (Dahliadel 84), Bloom 4½, Bush 4 ft. Very unique and showy. Color, crimson carmine shading to primrose yellow at center and edged white. Bushes branch and bloom freely, stems erect. Flowers keep well. A robust grower. **Roots, .50**

SATURN (Dahliadel), 1941, see page 3.

ANEMONE DAHLIAS

ADA FINCH (Wouters 84), Bloom 3½ x 1½, Bush 2½ ft. A fine bedding or border dahlia. This creamy white flower differs from the Single type by having small quilled petals of the same color covering the entire center. **Roots, .50; Plants, .50**

CROIX DU SUD (Cayeaux 85), Bloom 5 x 2½, Bush 4 ft. A welcome addition to the Anemone Class. The outer petals are bright red, while the pin cushion-like center is a yellow suffused red. We heartily recommend this novelty from Europe. **Roots, .75; Plants, .50**



GRAZIELLA (Europe 85), Bloom 2½ x 2, Bush 1½ ft. Violet red with yellow center. A novelty, excellent for dainty and unusual arrangements. **Plants, .50**

HOLLANDIA (Europe 85), Bloom 1½ x 1, Bush 1 ft. Bush growth exceedingly dwarf, even smaller than Graziella. Color is a brick red with yellow center. **Plants, .50**

ORCHID FLOWERING DAHLIAS

This type of dahlia is one of the most interesting, and is popular for landscape effects, table decorations or graceful, airy arrangements. The bushes are compact, free blooming and prolific. Most of the flowers are 4 to 5 inches in diameter, and bushes are 2 to 3 feet in height except where noted. Wonderful for landscape effect when pinched out once, but should not be thinned out nor disbudded. If Collarette, Orchid Flowering and Single dahlias are cut before the pollen shows, they will hold their petals and keep for days.

BEAVER. Deep crimson carmine with white shadings on face of petals. **Roots, .25**

BUTTERCUP (Dahliadel 84), Light buttercup or canary yellow. Erect stems. Early, profuse and a good keeper. **Roots, .25**

COLLEGIATE (Dahliadel), 1941, see page 3.

DAHIADEL TWINKLE (Dahliadel 85). The sensational Orchid Flowering variety that is one of the most popular and of widest distribution. Blooms are perfect in form and graceful, a beautiful combination of white suffused violet rose with distinct Tyrian rose mottlings on the reverse of the petals which roll forward and show on the face of the flower. Useful in arrangements. **Roots, .35**

DAHIADEL WHISPER (Dahliadel 85). Orchid Flowering dahlias are becoming more popular for cutting, in the garden, and for arrangements with other flowers. Color is maize yellow with a scarlet reverse. Long, erect stems that hold well after being cut. Bushes are healthy and insect-repellent. **Roots, .35**

EVEREST. Pure white throughout. Long, graceful recurving florets. Good size. **Roots, .35**

GOLDFINCH. Not profuse but very showy. Yellow ground, shaded red, with crimson reverse. **Roots, .35**

GUIDING STAR (Dahliadel), 1941, see page 3.

IMP (Dahliadel), 1941, see page 3.

IVORY GEM (Ruhoff-Dahliadel 85), 1940. A joy to arrange. Ivory white, appropriately named and most attractive and artistic. Good stems that hold erect on the bush and in arrangements. Its perfect form on a dwarf-growing bush makes it a favorite. Won a Futurity Medal in '40. Another achievement for the small dahlia. **Roots, \$1.50; Plants, .50**

LONE STAR (Dahliadel 85). Light lemon or sulphur yellow on the face of the petals with a soft French purple on the reverse with the petals tightly rolled forward. Blooms are 5 to 6 inches. A very striking color combination. Effective in landscape or border planting. Stems are long and erect, fine for cutting. **Roots, .35**



ORCHID FLOWERING DAHLIAS—Continued

MAVIS. Light lilac ground, with deep, reddish purple reverse. **Roots, .35**

POLLY. Sunflower yellow ground. Carmine lake reverse. **Roots, .25**

VESPER (Dahliadel). White heavily suffused Tyrian rose. Uniform, early, very satisfactory for cutting and landscape. **Roots, .35**

COLLECTION O Buttercup, Dahliadel Twinkle, Dahliadel Whisper, Lone Star, Polly and Vesper. One root each, above 6 varieties, value \$1.90 for \$1.35

SINGLE DAHLIAS

CANDLE LIGHT (Dahliadel), 1941, see page 3.

CHANCELLOR (Volkskanzler) (Foreign 85), **Bloom 5, Bush 3 ft.** An unusual color combination of brownish red with a blood red halo and dark center. Strong stems, fine for cutting and a good keeper. **Roots, .50; Plants, .50**

DAHLIADEL SNOW WHITE (Dahliadel 85), 1939, **Bloom 5, Bush 4 ft.** A pure white Single with serrated petals which roll forward, inclining somewhat to the Orchid Flowering Type. Has received much favorable comment and was listed in the Dahlia Futurity, '39. It is a fine grower with excellent stems. Wonderful keeping qualities for arrangements. **Roots, .75; Plants, .50**

DAHLIADEL WONDER (Dahliadel 84), 1939, **Bloom 5½, Bush 5 ft.** Flesh pink shaded violet rose with yellow shadings at center. Fine stem and excellent keeping qualities. The bush, however, is such a robust grower that it overgrows in heavy or rich soil. Only recommended for ordinary to light soil. **Roots, .75; Plants, .50**

DOC (Dahliadel 85), 1939, **Bloom 4, Bush 3 ft.** A most attractive Single of primrose yellow shaded orange with a white stripe in the center of each petal. A favorite in our trial grounds for its outstanding color. Listed in the Dahlia Futurity, '39, certified E. Lansing, and has won many prizes in all parts of the country. We have exhibited this variety in most of our commercial displays in recent years where it attracted the greatest attention. A distinct break in Single dahlias, and has produced several seedlings, listed for introduction later, which will prove of equal or even greater value. **Roots, \$1.00; Pot Roots, .65; Plants, .50**

DORIS (Peacock 84), **Bloom 4, Bush 4 ft.** Deep velvety carmine, heavily tipped pure white. A truly spectacular color combination. Growing habits and stems ideal. **Roots, .25**

GARNET POINSETTIA (Peacock 84), **Bloom 7, Bush 6 ft.** Rich, glowing garnet. Large blooms of poinsettia form are held on long stiff stems on strong plants, producing profusely. **Roots, .25**

JAMES WELLER (Peacock 85), **Bloom 6, Bush 5¼ ft.** Effective because of its color combination of rich golden yellow with central zone of each petal soft rosy red. Long, stiff stems. **Roots, .25**

LITTLE AMERICA (Dahliadel 85), **Bloom 5, Bush 5 ft.** This white is unusually outstanding and artistic. Petals inclined to roll forward resembling a giant Poet's Narcissus. Stems are naturally long and erect for cutting, and the keeping qualities are remarkable. Showy in the garden. **Roots, .35**



Ivory Gem



SINGLE DAHLIAS—Cont'd

MERCKI, Bloom 1, Bush 1½ ft. This novel, low-growing species dahlia has richly colored, fern-like foliage which is effective in artistic arrangements of smaller dahlias. The blooms are secondary of pale lavender with purple centers. **Roots, .35**

MIA KARSTEN (85), Bloom 4, Bush 3½ ft. A sport of Chancellor of lilac suffused Tyrian pink with a purple garnet center. The flowers always come true and the bush seems to be even more robust than Chancellor. A marvelous sight in the garden. **Roots, .75; Plants, .50**

NEWPORT WONDER (Robertson 84), Bloom 6, Bush 5½ ft. A very popular and artistic dahlia. Petals pointed and slightly twisted. Color, rose pink with golden suffusion. **Roots, .50**

NOTRE DAME, Bloom 3, Bush 2 ft. White with bright yellow edges, some solid yellow. **Roots, .35**

PEQUOT YELLOW (Wakeman 85), Bloom 5, Bush 3½ ft. A very large clear yellow, especially fine for exhibition. Good habit of growth. **Roots, .35**

PRINCE OF BULGARIA, Bloom 2½, Bush 2 ft. An attractive and artistic bi-color. Petals are pure white with a broad margin of bright carmine. An ideal border variety with fern-like or serrated foliage. **Roots, .50**

SCARLET CENTURY (Peacock 81), Bloom 5, Bush 5 ft. Bright, glowing scarlet on erect stems. Good grower, profuse well formed blooms. **Roots, .25**

TANGO (Dahliadel 80), Bloom 5½, Bush 6 ft. A lively autumn tint, cadmium yellow, shaded scarlet orange. Attractive. **Roots, .25**

THRILL (Dahliadel 85), 1939, Bloom 4, Bush 3 ft. Appropriately named as it is one of the most striking bi-colors. Bright cardinal with a distinct white spot at the end of each petal that certainly attracts your attention. Very showy in a display or in the garden. Sturdy bush growth and full of blooms. Sure to please you. Listed in Futurity, '39. **Roots, \$1.00; Pot Roots, .65; Plants, .50**

Little America



Pink Lassie

MINIATURE DAHLIAS

CULTURE—Miniature dahlias need no disbudding, very little pruning and can be planted rather close. They are suitable for landscaping in borders, hedges and mass plantings. They should not be heavily fertilized or overwatered, but grown rather poor the same as Pompons. Fine for home arrangements.

MINIATURE PEONY DAHLIAS

BABY ROYAL (West 84S), M P or M SC, Bloom 3 x 2, Bush 2½ ft. By selecting blooms, this variety may be shown as a Miniature Semi-cactus or as a Peony later in the season. Salmon pink shaded apricot with yellow at base of petal. **Roots, .35**

BISHOP OF LANDAFF (86S), Bloom 3 x 1½, Bush 4 ft. This is an unusual and very attractive flower, being bright scarlet with a deep garnet center. Foliage is lacy of a reddish bronze color and makes this dahlia a stand-out in any planting. For landscape, exhibition or home arrangements, is one of the most popular. **Roots, .35**

OLYMPIC FIRE (Europe 85S), Bloom 3 x 1½, Bush 3 ft. Flaming orange red. Foliage almost as deep as Bishop of Landaff. The flower is even more beautiful and does not fade. Bush robust and sturdy. We consider this variety as most excellent, and cannot recommend it too highly. **Roots, .50; Plants, .50**

PINK DAISY (Dahliadel 84S), Bloom 3, Bush 2½ to 3 ft. A very profuse blooming variety. Stems are slender, stiff, and need no disbudding. Bright rose pink, shading lighter at center. In form similar to a double daisy. **Roots, .50**

PINK LASSIE (Moore-Dahliadel 86S), 1938, Bloom 3½, Bush 2½ ft. A gem for arrangement, which has taken first rank in many gardens throughout the nation. Of soft rose pink with cream and lighter shadings toward center. Petals curl and twist. Bush is rugged, rather open and produces flowers in great profusion. Has won a legion of prizes everywhere. Superb for arrangement work, and likewise a splendid landscape flower. A "must-have" variety which has converted many to growing the Miniature types.

Roots, \$1.00; Pot Roots, .65; Plants, .50

RAIDER (83S), Bloom 3 x 1½, Bush 2½ ft. Soft violet rose suffused yellow at base of petals which are pointed, twisted and curled. **Roots, .25**

RED EYE (Dahliadel), 1941, see page 3.



MINIATURE CACTUS and SEMI-CACTUS DAHLIAS

ANDRIES' ORANGE (Andries-De Spiegeleer 85S), M SC, Bloom $3\frac{1}{2} \times 2\frac{1}{2}$, Bush 3 ft. A bright orange of exceptionally clear and attractive tone. Stems perfect and flowers of excellent form. A few blooms may run oversize. Green plants of this variety are uniformly small, but when planted, quickly catch up with the other varieties. Has had many winnings and is one of the best.

Roots, .75; Pot Roots, .50; Plants, .50

CHRIS (England 83S), M St.C, Bloom $3\frac{1}{2} \times 2$ Bush 3 ft. A tomato red, which resembles Satan in miniature. With us has been short of blooms, but is decidedly attractive.

Roots, .50

DAHLIADEL JOY (Dahliaedel 85S), M C, Bloom 4×3 , Bush $3\frac{1}{2}$ ft. Very attractive in its artistic form and clear lemon yellow color. Stems exceptionally long and rigid, and cut flowers keep well. Has had a long run of popularity, but some flowers do come oversize and some may show open centers late in the season. Certified at East Lansing and Cincinnati.

Roots, .50; Plants, .50

DIANNE (Dahliaedel 85S), 1939, M SC, Bloom $3\frac{1}{2} \times 1\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. A dainty Miniature in rose and tan similar to Rapture in color. Strong, slender stems. Early, profuse, full centers and good form throughout the season. Cert. E. Lansing, O.V.D.A. and recommended at Georgia. The only Miniature winning a Futurity Medal in 1939. A real commercial and an exhibition variety which should be more generally grown.

Roots, \$2.00; Plants, .75

DUBONNET (Shipley-Dahliaedel 86S), M SC, Bloom 4×2 , Bush 3 ft. This beautiful dark red variety is acknowledged everywhere as the leader in its class. Deep oxblood red blooms that do not fade or burn, are produced in profusion on bushes of most sturdy and compact growth. A true cut-and-come-again variety, that does well in all sections of the country. While some flowers may come oversize, sufficient blooms can easily be secured for showing in the Miniature class.

Roots, .75; Plants, .50

JAMBOREE (De Ruyter 82S), 1938, M SC, Bloom 4×2 , Bush $2\frac{1}{2}$ ft. A rosy lilac of a bright clear color. Bush growth healthy and well-proportioned. Late coming into bloom, but is considered excellent in Europe.

Roots, .50

JULIA S. (Scheel-Dahliaedel 85S), 1939, M C, Bloom $3\frac{1}{2} \times 2$, Bush $4\frac{1}{2}$ ft. This tall growing Miniature has a sturdy bush growth and long stems. Deep rose pink with a golden suffusion at the base of petals. Cert. at Storrs and E. Lansing. Listed in Futurity, '39. Slow coming into bloom so advise planting early.

Roots, .75; Pot Roots, .50; Plants, .50

LITTLE DIAMOND (Bruidgom 85S), 1939, M SC, Bloom $4 \times 2\frac{1}{2}$, Bush 3 ft. Aptly named and most highly recommended. Won for itself a large following in 1939, and in 1940 was even more highly regarded. Won second place in the Futurity for 1940. The color is violet rose with sulphur yellow shadings at center. The blooms are of wonderful form and stems perfect. In addition, this variety has a most rugged bush growth.

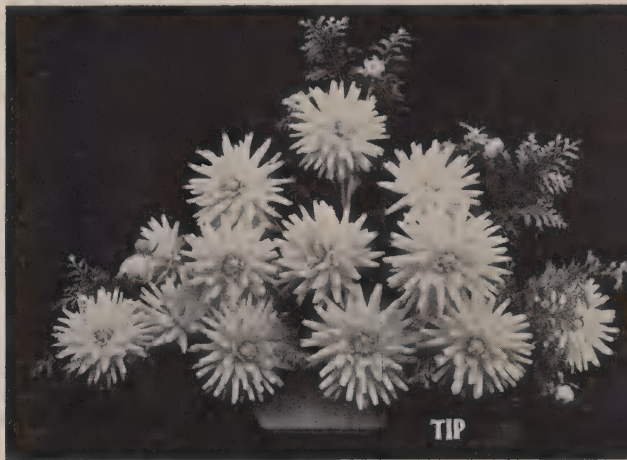
Roots, \$1.50; Pot Roots, \$1.00; Plants, .50



Little Miss Prim

LITTLE MISS PRIM (Dahliaedel 85S), 1940, M St.C, Bloom $2\frac{1}{2} \times 1\frac{1}{2}$, Bush 18 inches. Really diminutive and of exquisite coloring. This variety is dainty and appealing. The color is rose pink lightening toward the center and the tips of petals. Bush is dwarf and branching from the ground, producing exceptionally long stems. While some blooms may come with open centers at times, the flowers are produced in such profusion that this fault is easily overlooked. If the term "cute" may be applied to any dahlia, this is the one. Listed in Futurity, '40, and winner in three large shows in 1940, including the World's Fair.

Roots, \$2.00; Pot Roots, \$1.30; Plants, .75



TIP

TIP (Holland 86S), 1939, M SC, Bloom $3\frac{1}{2} \times 2$, Bush $2\frac{1}{2}$ ft. Like Caesar it came and conquered. Soft, lemon yellow of lovely Semi-cactus form. Is distinctive in color and has created a furor in flower shows and gardens everywhere. Blooms profusely on healthy, vigorous bushes. Stems long and flowers held perfectly.

Roots, \$1.50; Pot Roots, \$1.00; Plants, .50

Varieties on this as well as other pages in this catalog are the same form bloom as illustration

MINIATURE CACTUS and SEMI-CACTUS DAHLIAS—Cont'd

MARKET JEWEL (Bruiddegom 84S), **M SC**, Bloom 4 x 2, Bush 3 ft. An intense red of beautiful shade. A favorite at Wisley, 1938. Should be planted fairly early to get sufficient blooms. **Roots, .50**

NESTHAKCHEN (Engelhardt 84S), **M SC**, Bloom 4 x 2, Bush 2½ ft. Here is a pastel combination of buff suffused lilac, which is of early and continuous blooming habit. While the coloring is a little weak to some, it is a great favorite with the lovers of pastel shades **Roots, .50; Pot Roots, .35**

PETIT SONNE (Australia 85S), **M SC**, Bloom 3 x 2, Bush 2½ ft. A fine little fellow of yellow shaded salmon rose. Neat, attractive and a mass of blooms all season. Makes fine arrangements and keeps exceptionally well.

Roots, .75; Pot Roots, .50; Plants, .50

RED CAP, JR. (Lasch 84S), **M SC**, Bloom 4½ x 2, Bush 3 ft. Bright fiery red. A compact bush, producing a profusion of blooms. Rather large for exhibition purposes but a good flower for cutting.

Roots, .35

SANHICAN'S SWEETHEART (Sanhican 83S), **M SC**, Bloom 3½ x 2, Bush 2 ft. An old variety still popular. Color ochreous buff, suffused rose red. Low growing bushes covered with blooms. **Roots, .35**

SNOWSPRITE (Shee-Dahliadel 86S), 1938, **M SC**, Bloom 3½ x 2, Bush 3 ft. This glistening snow-white variety is unquestionably one of the best Miniatures grown. For a white dahlia the bushes are wonderfully robust. Blooms of fine, constant form, held boldly above the foliage in marked profusion. A dependable and all-together fine dahlia. A favorite with the florists.

Roots, .75; Pot Roots, .50; Plants, .50

TROJAN (Bolsa 84S), **M SC**, Bloom 4 x 1½, Bush 3 ft. A very pretty scarlet red with yellow shadings at base of petals. Blooms early and continuously and is especially good at the end of season. Cert. at Storrs.

Roots, .50



Rapture

MINIATURE INFORMAL DECORATIVE DAHLIAS

RAPTURE (Dahliadel 86S), Bloom 3½ x 1½, Bush 4½ ft. Rose pink shading to sulphur yellow at center. A very artistic Miniature of fine bush growth, literally alive with blooms held on strong stems. When allowed to grow naturally, will produce practically all blooms of miniature size, but if disbudded, flowers will grow 5 inches in diameter. Keeping qualities excellent, and does extremely well in the South. Cert. at Storrs and E. Lansing. **Roots, .50**

BEECHFIELD WHITE (England 84S), Bloom 3½ x 2, Bush 4 ft. An English variety which is pure white. Bush growth somewhat tall for a Miniature and some blooms may run oversize. Some wonderful blooms have been seen at various shows **Roots, .50**

CINNAMON GEM (England 84S), Bloom 2½ x 1½, Bush 3 ft. Bright orange in color. Another English variety which is one of the very best. Profuse in blooms with stem, center of flower, bush growth and substance all that can be desired. Consistently small in size and always of good form. A dahlia of distinct merit. **Roots, \$2.50; Plants, \$1.00**

FOREST FIRE, JR. (Dahliadel 85S), Bloom 3½ x 1½, Bush 4 ft. Almost a replica of the large dahlia for which it is named. Amber yellow, suffused and veined soft cardinal in color, and of artistic form. This variety grows well regardless of insects or dry weather and blooms from middle of August until frost. Blooms, on long stems, are always uniform and plentiful, though a few may grow oversize. Strong, symmetrical bushes. **Roots, .75; Plants, .50**

JEAN (Dahliadel 83S), Bloom 3½ x 2, Bush 3½ ft. Color, apricot buff, suffused soft lilac rose. Some blooms are Semi-cactus. Bush growth sturdy and compact. Blooms, early and very profuse. **Roots, .35**

NIOME (England 84S), Bloom 3 x 2, Bush 3 ft. Velvety red of an attractive shade. Excellent plant growth with flowers held well on strong stems. A little shy in blooms but decidedly attractive and worthwhile. **Roots, .50; Pot Roots, .50**

RALEIGH (Draper-Sanhican 83S), Bloom 3½ x 2, Bush 4 ft. The blooms of deep rose shaded salmon are desirable for arrangement work. Strong, rugged bushes produce blooms early. **Roots, .35**



SNOWSPRITE



MINIATURE FORMAL DECORATIVE DAHLIAS

BABY SAGAMORE (Badetty 84S), Bloom 3 x 2½, Bush 3½ ft. Amber yellow with a peach red suffusion. Stems, strong and straight, and flowers well under the maximum for Miniatures. Bush sturdy and strong. **Roots, .50; Plants, .50**

BLUEBIRD (Golden Rule 84S), Bloom 3½ x 2½, Bush 3½ ft. This dahlia is unique and different in its coloring, being the nearest to blue in the small dahlias. Color is bluish lavender. **Roots, .50**

BUCKEYE BABY (Golden Rule 86S), Bloom 2½ x 2, Bush 2½ ft. This golden buff Miniature, lightly shaded red on the reverse, is a little gem which should be even more popular. The bushes are sturdy and the blooms are early, uniform and plentiful. We find ourselves unconsciously selecting this variety for our own arrangements and decorations. **Roots, .50; Pot Roots, .35**

DIANA JEAN (Dahlia 83S), Bloom 3 x 2, Bush 3 ft. A deep sulphur yellow with very faint rose suffusion on back of petals. Stems are ideal and blooms keep well when cut. Some blooms run over-size. **Roots, .50**

FAIRY (Dayton 85S), Bloom 3½ x 2½, Bush 4 ft. A soft violet rose shading mauve at tips. Very early and continuously in bloom. Flowers uniform and keep wonderfully well when cut. Good, strong, straight stems. **Roots, .35**

HAPPY (Sunrise 82S), 1939, Bloom 3 x 1½, Bush 2½ ft. Yellow suffused orchid with pink tipping. It blooms most profusely and has unusual vigor of bush. Some folks admire it, others do not like the dull color combination. **Roots, \$1.00**

HELLY BOUDEWIJN (Carlee 83S), Bloom 4-4½ x 2½, Bush 3½ ft. Pure white with broad, flat petals. Inclined to run over size for Miniature class but especially recommended for cutting. **Roots, .50**

JOYCE ANN (Sanhican 85S), Bloom 3½ x 2, Bush 2½ ft. Pink shading lighter at tips and center. Uniform, artistic and attractive blooms. Stems, strong and erect. We like it and believe you will agree. **Roots, .50; Pot Roots, .35**

JUDY (Badetty 85S), 1939, Bloom 2½ x 2, Bush 4 ft. A reddish orange of ideal size. Blooms consistently small and uniform. Bush growth good with stems appropriate. Centers are very full, so much so that some blooms show green centers in early season. **Roots, \$2.00; Plants, .75**

LAKE-SIDE BABE (Lakeside 85S), Bloom 2½ x 2, Bush 3 ft. The standard for yellow Formal Miniatures. It is a clear lemon yellow, which is small, profuse in blooms and with good stems. Keeps exceptionally well when cut and wins regularly on the show table. **Roots, .75; Pot Roots, .50; Plants, .50**



Red Robin

RED ROBIN (Dahlia 86S), 1940, Bloom 2½ x 2, Bush 3 ft. A bright scarlet in a true Miniature of perfect form. Blooms are sun-resistant and do not fade or burn. Bushes are sturdy and produce great numbers of blooms on perfect stems. This variety is equally valuable for exhibition, arrangement and landscape work. In one short year it has leaped to the leadership of its class. Has given universal satisfaction wherever grown and has won many prizes all over the nation. Certified at Storrs and W. Va., and recommended by the Dahlia Society of Ga. In Futurity, '40. **Roots, \$2.00; Pot Roots, \$1.30; Plants, .75**

LITTLE NEMO (Chase 85S), Bloom 4 x 2, Bush 4 ft. A striking bi-color Miniature. Crimson uniformly tipped white, making it uncommon and attractive. Some blooms tend to run over size, but withal a most popular variety with our visitors. **Roots, .50**

MCKAY'S PURITY (McKay-Dahlia 85S), 1938, Bloom 2¾ x 1½, Bush 2½ ft. A good white Formal Miniature. This strong grower makes healthy, dense dark green foliage with the uniform white blooms standing out in striking contrast. Stems are long and still the bush is compact for hedge or bed effects. Certified at Storrs and O.V.D.A. Well recommended. **Roots, .50**

ORCHID LADY (Fenton 85S), Bloom 3½ x 2½, Bush 4 ft. For a garden dahlia it is always a mass of blooms and good for cutting and home decorations. Color, bright violet rose or light lilac. Certified at Storrs and East Lansing. Has tendency to run too close to the maximum size for Miniatures. **Roots, .50**

PRICE vs. QUALITY

There are dahlias offered at lower prices than ours and we realize it is a temptation to buy at as low a figure as possible, as you want to get as much as you can for your money; but to have 100% success, you must have the best stock that can be produced. Buying inferior stock at low cost is not an economical way to buy and seldom is the way to success.

Varieties on this as well as other pages in this catalog are the same form bloom as illustration

MINIATURE FORMAL DECORATIVE DAHLIAS—Cont'd

PURP (Dudley-Ruschmohr 84S), 1940, Bloom $2\frac{1}{2} \times 2$, Bush 3 ft. Soft true purple in color which makes it a welcome addition to this limited color class. Blooms profusely with good stems. Bush vigorous and foliage heavy. For cutting, blooms must be taken before complete development to avoid sun burning. Certified at Storrs.

Roots, \$2.00; Plants, .75

RED HEAD (Golden Rule 85S), Bloom $3 \times 1\frac{1}{2}$, Bush 3 ft. A dahlia which is pleasing in appearance, and a fine keeper. Color, scarlet orange, with blooms facing up on nice stems.

Roots, .35

ROSE BEAUTY (Dahliadel 85S), Bloom $2\frac{1}{2} \times 2$, Bush $2\frac{1}{2}$ ft. The color is a soft peach with coral suffusion. Blooms are uniform with centers full throughout the season. Stems are good for cutting. Useful for arrangements.

Roots, .35

SYLVIA (Lakeside 85S), 1938, Bloom $2\frac{1}{2} \times 1\frac{3}{4}$, Bush 4 ft. Rich deep carmine. Cert. at Storrs 86S and Cert. at E. Lansing. A dahlia that grows well, blooms profusely, and keeps wonderfully. Good form and a real Miniature that should be in everyone's garden.

Roots, .75; Plants, .50

TANGERINE (Dahliadel 85S), Bloom 3×2 , Bush 2 to 3 ft. The shade of red the ladies like, a bright russet orange inclined to scarlet. Stems erect and long for cutting. Very desirable for border planting or bedding as it grows naturally into a well-formed bush without any support.

Roots, .35

TIP TOP (Dahliadel 84S), Bloom $2\frac{1}{4} \times 1\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. This ball shaped striking Formal Decorative fits well into small arrangements. Color, deep lemon yellow, distinctly tipped scarlet, making it outstanding. Bright green healthy foliage.

Roots, .75; Pot Roots, .50

VERMILLION BRILLIANT (Holland 83S), Bloom $3\frac{1}{2} \times 2$, Bush 3 ft. Scarlet. A fine bush producing many blooms throughout season. Centers sometimes show a tendency to run open, and stem inclined to be short. Worth trying, but not as good as Red Robin.

Roots, .75; Plants, .50



Sherry

Reginald

Ila

POMPON DAHLIAS

ATOM (Edymel 85), Bloom $1\frac{1}{4}$, Bush $2\frac{1}{2}$ ft. Fiery red with perfect form. Found in almost every Pom fancier's collection. It is small, early and profuse in blooming habit.

Roots, .25

BETTY ANNE (Johnson 87), Bloom $1\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. Color, soft rose pink, inclined to violet rose. Blooms are small, uniform in size and form. Bush healthy and vigorous. Rates very high in the Pom list. A sure winner.

Roots, .25; Pot Roots, .25

BETTY MALONE (Malone-Dahliadel 87), 1939, Bloom $1\frac{3}{4}$, Bush 3 ft. An outstanding Pom which is white with petals evenly tipped violet purple. It has ideal form with perfect centers. The blooms revert nicely to stem. Plant growth is healthy and flowers are produced in profusion. In exhibitions it has won a legion of prizes everywhere. Stands up exceedingly well in the South. Certified at Storrs, W. Va. and O.V.D.A., and recommended at Georgia. On Futurity, '39.

Roots, \$1.50; Pot Roots, \$1.00; Plants, .50

BOB WHITE (Dahliadel 85), Bloom $1\frac{1}{2}$, Bush 2 ft. Milk white having just a cast of yellow when opening. Bush is low and spreading with blooms on long stems. Ideal for bedding and the right form for exhibiting. Wins on the show table.

Roots, .25

CHITA (Dahliadel 85), 1939, Bloom $1\frac{3}{4}$, Bush 3 ft. Pure canary yellow. A most profusely blooming plant whose flowers keep well. We fear we have previously under-estimated this little beauty, as it is entirely devoid of temperamental traits.

Roots, \$1.50; Pot Roots, \$1.00; Plants, .50

DEE DEE (Estes 85), Bloom $1\frac{3}{4}$, Bush $3\frac{1}{2}$ ft. A pale lilac which ordinarily runs too large for exhibition, and should be so regarded. Nice for home use because of its color.

Roots, .35

DORIA (Australia 86), Bloom $1\frac{1}{2}$, Bush 3 ft. A unique variety. Color, deep wine shaded darker at center. Stems wiry and stiff. Blooms on top of stem. Centers full.

Roots, .35; Pot Roots, .35

DOT (Dahliadel 85), Bloom $1\frac{3}{4}$, Bush $3\frac{1}{2}$ ft. A pure white Pom on perfect stems. A strong grower that blooms early. Very good as a cut flower or for decorative uses.

Roots, .35; Pot Roots, .35; Plants, .35

EDITH MUELLER (Mueller-Badetty 85), Bloom $1\frac{3}{4}$, Bush 3 ft. A bright soft apricot suffused peach red. Much in demand as a cut flower.

Roots, .35

EILEEN (Keynes 86), Bloom $1\frac{1}{2}$, Bush 2 ft. This cream tipped violet Pom, after 30 years in commerce, is still outstanding, beautiful and useful. It is riding a new wave of popularity. Stock extremely limited.

Plants, .50

ELIZABETH (82) Bloom $1\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. Lemon yellow, tipped carmine. Fine form.

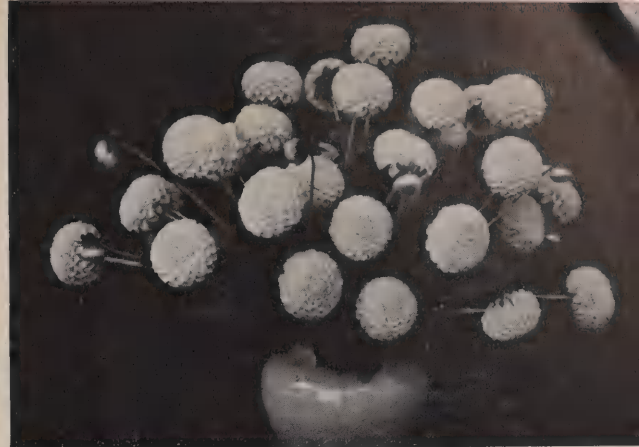
Roots, .25



McKAY'S PURITY



Betty Malone



Chita

POMPON DAHLIAS—Cont'd

GERTRUDE (Salbach 85), Bloom $1\frac{1}{2}$, Bush 3 ft. Bright glowing carmine of good form on strong stems. One of the best bright reds to date.

Roots, .35; Pot Roots, .35

GOLDILOCKS (Seal 85), Bloom $1\frac{3}{4}$, Bush $2\frac{1}{2}$ ft. Gold deepening at centers. Flowers well formed. Good for exhibition and cutting.

Roots, .25

GRAIN O'GOLD (Tooker-Ruschmohr 85), 1939, Bloom $1\frac{1}{2}$, Bush 2 ft. Clear yellow with a purplish cast at times on tips of petals. Must be considered with Chita and Little Prince when a yellow Pom is needed. Certified at Storrs.

Roots, .75; Plants, .50

HELEN ANITA (85), Bloom $1\frac{3}{4}$, Bush $2\frac{1}{2}$ ft. A beautiful lilac with a lighter reverse and white center. Very attractive and good for cutting.

Roots, .25

HONEY (Farnum 86), Bloom $1\frac{1}{4}$, Bush 3 ft. Primrose yellow with faint suffusion of red on edge of petals. Free flowering on long stems.

Roots, .25

ILA (Australia 87), Bloom $1\frac{1}{2}$, Bush 2 ft. Deep ox-blood red. One of the best of the new Poms. Bush growth fairly good, but practically all the flowers are of perfect form, and on long, strong stems. Demand very heavy and stock extremely short.

Roots, .50; Plants, .50

JACK (Dahliadel 85), Bloom $1\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. Purple garnet in color. Bush compact. Blooms incessantly on good, long stems. Cert. at E. Lansing and Storrs.

Roots, .25

JOE FETTE (Boston 83), Bloom $1\frac{1}{2}$, Bush 3 ft. A very good pure white with good stems for cutting. Blooms early. In demand for florist use.

Roots, .25

JOHNNY (West 87), Bloom $1\frac{1}{4}$, Bush $3\frac{1}{2}$ ft. Dark red or maroon. Very small. Almost a perfect ball in form. Slow to propagate. Stock limited.

Roots, .50; Pot Roots, .50; Plants, .35

LITTLE DAVID (Twichett 85), Bloom $1\frac{1}{2}$, Bush 3 ft. Russet orange of almost perfect form. Blooms freely and fine for both cutting and exhibiting.

Roots, .25

LITTLE EDITH (87), Bloom $1\frac{1}{4}$, Bush $3\frac{1}{2}$ ft. Primrose yellow tipped bright carmine. A standard variety with years of consistent winning. In form and general all-around worth, is still a standard for other Poms to match.

Roots, .25

LITTLE PRINCE (86), Bloom $1\frac{1}{4}$, Bush $2\frac{1}{2}$ ft. A pure light yellow of fine form that runs consistently small. Completes nicely to stem in the manner of the best Poms. Bush growth good and blooms pro-

duced in large numbers. A steady winner on the show table and in heavy demand. On Futurity, '39.

Pot Roots, \$1.00; Plants, .50

MARY MUNNS (Bolsa 85), Bloom $1\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. One of the best in a phlox or mallow purple. Good for exhibition or cutting.

Roots, .25

MELROSE BABY (Liphart 85), 1938, Bloom $1\frac{1}{2}$, Bush 2 ft. Color, clear attractive spectrum red which holds good in the sun. Bush is healthy with plenty of blooms suitable for exhibiting. Cert. Storrs.

Plants, .50

MICKEY (Dahliadel 85), Bloom $1\frac{3}{4}$, Bush $2\frac{1}{2}$ ft. Yellow, heavily tipped and shaded crimson. Flowers uniform with full centers and good stems.

Roots, .35

MIKE (Boston 84), Bloom $1\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. Color, bright burnt orange, shading lighter at the outer petals. Attractive and jutting with blooms.

Roots, .25

MORNING MIST (Badetty 85), Bloom $1\frac{1}{2}$, Bush $3\frac{1}{2}$ ft. A fine cut flower with long stems. Color, white tipped lavender and rosy lavender at center. Some flowers a little large but very popular.

Roots, .35; Pot Roots, .35

MRS. J. TELFER (Australia 87), Bloom $1\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. White with a slight yellowish cast. Blooms almost a perfect ball with perfect centers. A fine addition to the white Pom class and has won many prizes during the past two years. Some tendency for petals to burn in early season and full sun.

Plants, .50

REGINALD (Australia 86), Bloom $1\frac{1}{2}$, Bush $2\frac{1}{2}$ ft. A fine Burgundy red of ideal size and finest form. Has taken a place as one of the leaders of its class. Bush growth rugged.

Roots, .50; Pot Roots, .50; Plants, .50

ROSALIE (Sanhican 85), Bloom $1\frac{3}{4}$, Bush 3 ft. Splendid cut flower. Ivory white in color. Stems good and fine bush growth. Prolific in blooms.

Roots, .25; Pot Roots, .25

SHERRY (85), Bloom 2, Bush $2\frac{1}{2}$ ft. A deep purple which is nearly round and very attractive. Some flowers may come oversize but many exhibition blooms can be also gotten. Bush grows rapidly and sturdily. Has a wide distribution and popular.

Roots, .35; Pot Roots, .35

SNOWCLAD (Dreer 78), Bloom $1\frac{1}{2}$, Bush 3 ft. A free, early blooming, standard white Pom. Excellent cut flower.

Roots, .25

SUNNY DAYBREAK (Keynes 85), Bloom $1\frac{3}{4}$, Bush 3 ft. Lemon yellow, heavily tipped cardinal. Flowers of good form.

Roots, .25

YELLOW GEM (McWhirter 84), Bloom $1\frac{1}{2}$, Bush 3 ft. Clear canary yellow of fine form. Old, but good and still winning.

Roots, .25; Pot Roots, .25



DAHLIADEL RECOMMENDATIONS

of Exhibition Dahlias

For your guidance in selecting the varieties that are winning and will win in competitive classes in the show room we are submitting the following tabulations. The varieties are placed under color classes and then the types under their respective colors. Varieties are listed under each type in their order of preference. For example, we feel Ballego's Surprise is the best white SC while Lord of Autumn is the best yellow ID, etc. For explanation of varieties marked A and B, see SCORING DAHLIAS, page 20.

N—Recommends that variety for the Northern Section of the U. S. and Canada with a rather short growing season of 90 to 120 days.

M—Recommends for the Middle Section of the U. S. where summers are dry and hot in places with a growing season of 120 to 180 days where a dahlia can successfully be a midseason bloomer.

S—Recommends for the Southern Section with long hot summers.

WHITE

Jersey's Dainty B	St. C	M S
Snowcrest B	IC	N M S
Ballego's Surprise A	SC	N M S
American Purity A	SC	N M S
Mother's Day A	ID	N M S
Mother Maytrott A	ID	N M S
Alice May A	ID	N M S
Darcy Sainsbury AB	FD	N M S
Miss Oakland AB	FD	N M S
Kentucky Snowball	Ba	N M S
Ivory Gem	O	N M S
Little America	S	N M S
Snowsprite	M SC	N M S
Beechfield White	M ID	N M S
McKay's Purity	M FD	M S
Mrs. J. Telfer	Pom	N M

YELLOW AND CREAM

Jean Parturet A	St. C	M S
Marietta E. B.	St. C	N M S
Hillside Gold B.	St. C	N M S
Frau Ida Mansfield B	St. C	N M S
Lady Alice A	IC	M S
Royal Purchase A	IC	N M S
Yellow Giant B	IC	N M S
Yellow Glory A	SC	M S
Limelight A	SC	N M
Miss Glory A	SC	M S
Frau O. Bracht AB	SC	M S
Lord of Autumn A	ID	N M S
Ginger Rogers A	ID	N M S
America's Sweetheart A	ID	N M S
California Idol A	ID	N M S
Hillside Sunset A	ID	M S
The Governor A	FD	N M S
Class A	FD	M S
Mary Helen	Ba	N M S
Saturn	Coll.	N M S
Imp	O	N M S
Candle Light	S	N M S
Pequot Yellow	S	N M S
Tip	M SC	N M S
Petit Sonne	M SC	N M S
Lakeside Babe	M FD	N M S
Brass Button	Pom	N M S
Little Prince	Pom	N M S
Grain O'Gold	Pom	N M S

ORANGE, BUFF and BRONZE

Nagels' Orange B	St. C	N M S
Miss Belgium B	St. C	N M S
Hillside Beauty B	IC	N M S
Hillside Joy A	SC	N M S
Amelia Earhart A	SC	N M S
Michigan Radiance B	SC	N M S
Norma Morton A	ID	N M S
Sunrays A	ID	N M S
Producer AB	ID	N M S
Golden Beauty A	ID	M S
Jimmie Foxx A	ID	M S
Joseph E. Mitchell A	ID	N M S
Jane Cowl A	ID	N M S

Bandoeng A	ID	N M S
Volcano A	FD	N M S
Sultan of Hillcrest A	FD	N M S
Charlotte Caldwell	Ba	N M S
Andries' Orange	M SC	N M S
Cinnamon Gem	M ID	N M S
Buckeye Baby	M FD	N M S

RED, CRIMSON and MAROON

Dulcinea B	St. C	N M
Son of Satan A	IC	N M S
Thunderbolt A	IC	N M S
Nancy Ann Mitchell B	IC	N M S
Mme. Geo. Bezant B	IC	N M S
Lynn Fontanne A	SC	N M S
Mary Lynn Dudley A	SC	N M S
Kilgore's Lucifer A	SC	N M
Maffie A	SC	N M
Yowu-Matsuoka A	SC	N M S
Model 999 A	SC	N M S
Virginia Rute A	ID	N M S
Cherokee Brave A	ID	N M S
Murphy's Masterpiece A	ID	N M
Margrace A	ID	N M S
Heracles B	ID	N M S
DeMolay A	FD	N M S
American Victory A	FD	N M S
Red Salute AB	FD	N M S
Mrs. C. D. Anderson Ba	M SC	N M S
Tribune	Coll	N M S
Miss Julie	Coll	N M S
Red Eye	MP	N M S
Bishop of Landaff	MP	N M S
Dubonnet	M SC	N M S
Red Robin	M FD	N M S
Ila	Pom	N M S
Reginald	Pom	N M S

PINK, SALMON and ROSE

Mrs. H. O'Connor A	St. C	N M S
Saarland's Heimkehr B	St. C	N M
Crowning Glory A	IC	N M
Dominant A B	IC	N M S
Julius C. Bunge B	SC	N M S
Kentucky Sweetheart A B	SC	N M S
Pink Giant A	ID	N M S
Rose Marie A	ID	N M S
Premier's Winsome A	ID	N M S
Katie K. A	ID	N M S
Rita Wells A	ID	N M
Victory A	FD	N M
Jersey Beauty B	FD	N M S
Newport Wonder	S	N M S
Pink Lassie	MP	N M S
Little Miss Prim	M St. C	N M
Pee Wee	M FD	N M S
Betty Anne	Pom	N M S

LAVENDER, VIOLET ROSE and MAUVE

Miss Ohio B	IC	N M S
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Mme. C. Jussiant B	IC	N M S
Bette Davis A	SC	N M S
Roulette B	SC	N M S
Robert L. Ripley A	ID	N M S
Cherokee Rose AB	ID	N M S
Blue River A	FD	N M S
Rosemary A	FD	N M S
Supt Amrhyh	Ba	N M S
Betsy	M St. C	N M S
Little Diamond	M SC	N M S
Mary Munns	Pom	N M S

PURPLE and VIOLET

Ella May B	St. C or IC	N M S
Jean Trimbee A	SC	N M S
Kardinal van Rossum A	SC	N M S
Glamour A	ID	N M S
Eventide A	ID	N M S
Hunt's Velvet Wonder A	ID	N M S
Deep Purple A	FD	M S
Purple Mist A	FD	N M S
Purp.	M FD	N M S
Sherry	Pom	N M S

BLENDED

Mary Taylor B	IC	N M S
Consul Gen Quist B	SC	N M S
Enkart Prima A	SC	M S
Paul Pfitzer B	SC	M S
Isis B	SC	N M S
Carl G. Dahl A	ID	N M S
Maid Marion A	ID	N M S
Freda George A	ID	N M S
Silver Lady A	ID	N M S
Opal A	ID	N M S
Dokoupil's Ideal B	ID	N M S
Gold Medal	Ba	N M S
James Weller	S	N M S
Chancellor	S	N M S
Jeanie	M ID	N M S
Clover	Pom	N M S
Betty Malone	Pom	N M S
Honey	Pom	N M S

BI-COLOR

Flash A B	IC or SC	N M S
Figaro A	SC	N M S
Laetare B	SC	N M S
Freckles A	ID	N M S
Kentucky Sportsman A	ID	N M S
Phantom A	FD	M S
Haslerova B	FD	N M S
Lois Walcher B	FD	N M S
Pius XI B	FD	N M
Thrill	S	N M S
Doc	S	N M S
Little Nemo	M FD	N M S
Eileen	Pom	N M S



HARDY CHRYSANTHEMUMS

For many years we have felt a great sense of loss when Jack Frost arrived and left our vast fields of colorful dahlias a blackened mass. No doubt you have had the same feeling. From riches to rags as it were.

So that the change might not be so abrupt, and that we might enjoy flowers during the weeks of fine weather which usually follow the first killing frost, we searched for another flower to take the place of the departed dahlias, and decided upon the modern, hardy chrysanthemum. We then travelled to many gardens and plantings to find the hardy 'mums which were still fine after a hard frost. After a few years of this, we bought in the following varieties, grew them ourselves and we are listing them for the first time this season, feeling sure they will perform for you in the same satisfactory manner they have for us.

Culture is simple. Plant them about 1½ to 2 feet apart in ordinary garden soil, giving lots of water during the season. Fertilize with a complete fertilizer twice during the season, the last about three weeks before blooming time. For the black aphid, their worst insect pest, use a nicotine spray as recommended for dahlias on page 25

LARGE FLOWERING VARIETIES

The following are of medium bush height, with double flowers averaging about 1½ inches in diameter. They are all very beautiful, and are a mass of blooms in their season.

In Climate Similar to New Jersey, Blooms About			
BURGUNDY , Soft amaranth red	Early	Oct.	
CHESTNUT BURR , Coppery red & orange	"	"	
CYDONIA , Brilliant orange mahogany	"	"	
GOBLIN , Golden orange, very hardy	Mid	"	
GOLDEN CHARM , Rich cadmium yellow	"	"	
LILLIAN DOTY , Light mallow pink	Late	"	
MRS. SAMUEL P. ROTAN , Golden yellow & orange	Mid	"	
MURILLO , Violet rose	Late	"	
WHITE DOTY , Pure ivory white	"	"	
YELLOW DOTY , Clear buff, yellow	"	"	

Plants of any of the above from 2¼" pots, 25c; 3 for 70c; 6 for \$1.30. Entire collection, one each of above 10 varieties, \$2.00.

CUSHION (Azaleamum Type)

These grow very bushy, often measuring 2 feet across, and are literally alive with blooms about 1 inch in diameter. Fine for landscape or border work. Bloom very early and continuously.

AMELIA, Bright violet rose Blooms in Early Sept.
KING CUSHION, Salmon rose Blooms in Early Sept.

SINGLE VARIETIES

These are daisy-like with blooms about 2½ inches in diameter. The one we list is extremely beautiful and stands frost well. Makes a wonderful cut flower.

SENSATION, Crimson red with yellow at base of petals. Blooms about Nov. 1



Hardy Chrysanthemum Arrangement of Large Flowering and Pompon Types

SMALL FLOWERING VARIETIES

(Pompons)

The following are of medium bush height and blooms are similar to Pompon dahlias in form, averaging ¾ inch to 1 inch in diameter. Some of the finest colors are found in this class, and all are fine for cutting.

Blooms About

DAINTY MAID , White lightly suff. pink.	Late	Oct.
ETHEL , Coppery-orange red.	"	"
JEWEL , Clear lilac, one of the best.	Early	"
JUDITH ANDERSON , Apricot yellow.	"	"
OURAY , Dark coppery-red, very hardy.	Mid	"
RUTH , Rosy magenta, Pretty, but late.	Nov.	1

SPOON VARIETIES

So called because the petals are long, rolled upon each other and flattened at tips so that each resembles a miniature spoon. A novelty which is becoming extremely popular. We are listing only the one so far, which is most frost-resistant.

PINK SPOON, Soft amaranth pink. Blooms late Oct.

All Chrysanthemum Plants on this Page are the Same Price. Each, 25c; 3 for 70c; 6 for \$1.30; any 10 for \$2.00.

PASSION FLOWER (Passiflora Pfordti)

A summer flowering vine which grows to great height and is covered with light blue flowers suffused rose. The flowers are of most remarkable form defying description, of about 2 inches in diameter. Must be grown and seen to be properly appreciated. So named because, after careful inspection, the Cross and other factors of the Passion of our Lord can be seen in the flower.

Strong plants from 2¼ inch pots, 50c; 3 for \$1.25; 6 for \$2.00.



Formosanum (Philippinense) Lilies

A new hardy and fragrant lily growing two and one-half to four feet high, that blooms from August until frost. The blooms resemble Easter Lilies except they are larger. This strain has large white trumpets with a slight yellow cast on the outside, is a strong grower and easy to handle. Bulbs should be planted six inches deep in the late fall or very early spring, and should be surrounded with sand when planted in soil that is at all heavy. This variety does not need rich soil as most other lilies do. All size bulbs will bloom the first year but should be planted 4 to 6 weeks ahead of normal planting time for dahlias.

Selected Large bulbs Sold Out
Medium large bulbs, Each 15¢, Doz. \$1.50, per C \$12.00
Medium bulbs 3 for 25¢, Doz. \$1.00, Per C \$7.50

DAHLIADEL COLLECTIONS

Positively No Changes in Collections

SIX POMPON DAHLIAS

COLLECTION A Value \$1.50 **ROOTS, \$1.00**

Bob White	Little David
Goldilocks	Little Edith
Helen Anita	Sunny Daybreak

SIX POMPON DAHLIAS

COLLECTION AA Value \$1.80 **ROOTS, \$1.25**

Betty Anne	Joe Fette
Doria	Morning Mist
Honey	Sherry

LITTLE GEM MINIATURE DAHLIAS

COLLECTION M Value \$2.05 **ROOTS, \$1.00**

Bishop of Landaff	McKay's Purity
Fairy	Rapture
	Sanhican's Sweetheart

BABY STAR MINIATURE DAHLIAS

COLLECTION MM Value \$3.25 **ROOTS, \$2.00**

Dubonnet	Petit Sonne
Julia S.	Pink Lassie

FIVE GARDEN DAHLIAS

COLLECTION B Value \$1.90 **ROOTS, \$1.00**

Andrea Ericson	Jane Cowl
Clara Barton	Josephine G.
	The Universe

DAHLIADEL NURSERIES



SIX CUT FLOWER DAHLIAS

COLLECTION C-F Value \$1.90 **ROOTS, \$1.25**

Cossack	Graf Zeppelin
Francis Larocca	Kentucky
Grace	White Prolific

BEGINNERS' SURPRISE

COLLECTION BS Value \$4.00 to \$6.00 **Roots, \$2.00**

12 named roots tagged, all different. A good assortment of colors and types. Large flowering varieties only. This collection gains in popularity each year as finer varieties are used in it.

SEVEN CACTUS DAHLIAS

COLLECTION C Value \$3.05 **ROOTS, \$2.00**

Golden Standard	Leiden's Elegance
Gretel	Miss Elsie Jane
Jersey Dainty	Mrs. Bruce Collins
	Mrs. Herbert O'Connor

DAHLIADEL SEVEN

COLLECTION D Value \$3.20 **ROOTS, \$2.00**

Arelida Lloyd	Maryland Glory
Clara Carder	Minnora
Democracy	Omar Khayyam
	Robert Emmet

EIGHT EXHIBITION DAHLIAS

COLLECTION E Value \$4.75 **ROOTS, \$3.00**

Anna Benedict	Kentucky Sun
City of Cleveland	Margrace
Golden Prince	Opal
Hunt's Velvet Wonder	Treasure Chest

SIX BLUE RIBBON DAHLIAS

COLLECTION F Value \$6.50 **ROOTS, \$4.00**

Cherokee Rose	Limelight
Golden Bounty	Red Salute
Kilgore's King	Watchung Giant

FOUR PRIZE DAHLIAS

COLLECTION G Value \$11.00 **ROOTS, \$7.00**

Carl G. Dahl	Hillside Gold
Cherokee Brave	Silver Lady

TWELVE DWARF DAHLIAS—(See page 33)

COLLECTION L Value \$6.25 **12 PLANTS, \$4.75**

SIX ORCHID FLOWERING DAHLIAS

(See Page 35)

COLLECTION O Value \$1.90 **ROOTS, \$1.35**

FIVE SINGLE DAHLIAS

COLLECTION S Value \$1.45 **ROOTS, \$1.00**

Garnet Poinsettia	Little America
James Weller	Pequot Yellow
	Scarlet Century



DAHLIADEL NURSERIES

DAHLIADEL PLANT COLLECTIONS

COLLECTION H Value \$6.00 **12 PLANTS, \$4.25**
YOUR CHOICE OF ANY 8 PLANTS, \$3.00
YOUR CHOICE OF ANY 4 PLANTS, \$1.50

Carl G. Dahl
 Consul Gen. Quist
 Darcy Sainsbury
 Freda George
 Golden Beauty
 Katie K.

Kilgore's King
 Limelight
 Lord of Autumn
 Margrace
 Opal
 Red Salute

COLLECTION I Value \$3.75 **PLANTS, \$2.75**
 Alice May Hillside Gold
 Cherokee Brave Premier's Winsome

COLLECTION J Value \$8.15 **PLANTS, \$6.00**
 Glamour Silver Lady
 Pink Giant The Governor
 Virginia Rute

See notice on Green Plant Shipments, (Page 45)

FREE ROOT OFFER

On retail orders at regular list price for dahlia roots, pot roots, plants and rooted cuttings from this catalog, except collections, special offers and where quantity discount is taken you may select complimentary roots as follows: On each dollar you are allowed 25c toward any variety in the following list. For example, on an order of \$6.00 worth of roots or plants you may select \$1.50 worth from this list or a \$2.00 variety by paying 50c additional. Mention second choice as season advances, as stock of some varieties is limited.

Roots	Roots
Andrea Ericson . . . \$.35	Silver Lady
Andree Bayssellance 1.00	Pot Roots 3.00
Anna Benedict50	Treasure Chest75
" " Pot Roots .35	Watchung Giant . . 1.00
Arelida Lloyd50	White Prolific35
Bernice Geer1.50	
Cavalcade35	OTHER TYPES
Clara Carder50	Dahlia del Twinkle—O .35
Forest Fire50	Tribune—Coll50
Francis Larocca . . .25	Dah. Snow White—S .75
Girl of Hillcrest . . .35	
Golden Bounty . . . 1.00	MINIATURES
" " Pot Roots .65	Baby Royal35
Golden Prince . . .	Bishop of Landaff . .35
Pot Roots .50	Dubonnet75
Grace Curling25	Fairy35
Gretel35	Julia S. Pot Roots . .50
Jersey Beauty35	McKay's Purity . . .50
Jersey Dainty35	Pink Lassie1.00
Josephine G.35	" " Pot Roots .65
Limelight1.50	Sylvia75
Miss Elsie Jane . . .50	
Monarch of the East 1.00	POMPONS
Mrs. H. O'Connor . .50	Betty Anne25
Opal75	Bob White25
" Pot Roots50	Goldilocks25
Red Salute1.00	Honey25
Sanhican's Cameo . .35	Sunny Daybreak . .25

GUARANTEE

All dahlia Roots, Pot Roots, Plants and Rooted cuttings are guaranteed healthy and true to name to the extent of replacement with true stock. Roots or pot roots that fail to start in three weeks will be replaced if returned. **POTASH FED DAHLIAS** give such universal satisfaction that we guarantee this year's Dahlia del Introductions to prove entirely satisfactory to the extent of replacement with the same variety or one of any other of equal value from the following season's catalog. Satisfaction and safe delivery guaranteed.

TERMS AND DELIVERY

Orders will be filled with strong, field-grown root divisions unless pot roots, green plants or rooted cuttings are specified. We will notify you if unable to supply any variety, as we do not substitute, without instructions to do so.

NOTICE ON GREEN PLANT AND ROOTED CUTTING SHIPMENTS

Plants will be shipped from April 15th to July 15th, while Rooted Cuttings can be shipped 2 weeks earlier but neither can be sent C. O. D., as this causes delay. When roots and plants are ordered together, roots will be held and shipped with the plants unless otherwise specified. 25 cents must be included with all plant and rooted cutting orders to cover special delivery except where there is no special delivery service at post office of destination; in which case, send 15 cents for special handling. We pay all regular postage. We do not guarantee safe delivery unless plants or rooted cuttings are shipped as above.

QUANTITY DISCOUNTS ON ROOTS, POT ROOTS, PLANTS AND ROOTED CUTTINGS

Three of any one variety—less 10%
 Six of any one variety—less 20%
 Ten of any one variety—less 25%

The above quantity discounts do not apply to Special Offers or Collections.

CASH WITH ORDER. Stamps accepted up to \$3.00; above that amount, check, money order or cash by registered mail. Root orders will be shipped according to the growing season of the customer, which in most cases is between April 15th and July 1st. Shipment is prepaid and usually sent by Parcel Post. On C. O. D. shipments the customer pays the C. O. D. charges. We pay all regular postage.

WARNING. Do not send cash by mail unless you have it registered.

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Registered in the U. S. Patent Office

Potash Fed
DAHLIAS



WARREN W. MAYTROT VINELAND, N. J.

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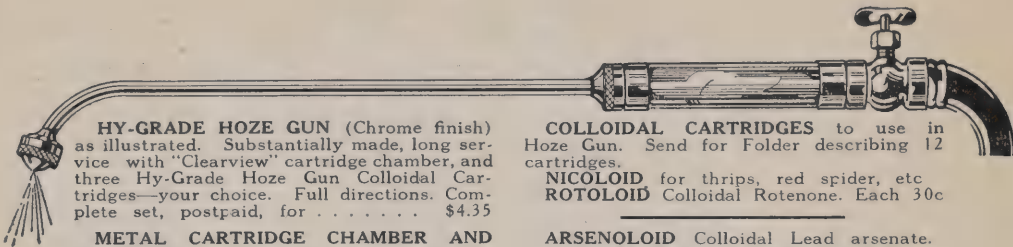
ABBREVIATIONS USED IN CATALOG. An—Anemone. Ba—Ball. Coll—Collarette. C—Cactus. IC—Incurved Cactus. S-C—Semi-cactus. St.C—Straight Cactus. FD—Formal Decorative. ID—Informal Decorative. M—Miniature. P—Peony. Pom—Pompon. S—Single. O—Orchid Flowering. Dwf—Dwarf.

NOTICE. The key letter just ahead of the price is our recommendation of the system to use in topping and disbudding for each variety listed. Drawings and explanation will be found on pages 22 and 23.

Page	Roots	Pot Roots	Plants	Page	Roots	Pot Roots	Plants
LARGE FLOWERING DAHLIAS				4	Ginger Rogers—ID	X	\$5.00
14	Adirondack Sunset—ID	X	\$.50	18	Girl of Hillcrest—ID	X	\$.35
15	Adolf Mayer—ID	X	.75	18	Glamour—ID	X	5.00
7	Aiko—S-C	X	.75	13	Golden Beauty—ID	X	1.00
17	Alice May—ID	X	3.00	27	Golden Bounty—FD	Y	1.00
4	All-American—S-C	X		15	Golden Prince—ID	X	.75
	Ambassador—St.C	X	.35	6	Golden Standard—IC	X	.50
9	Amelia Earhart—S-C	X	.75	12	Goodnight—ID	X	.50
7	American Purity—S-C	X	1.00	30	Grace—FD	X	.25
29	American Victory—FD	X	5.00	17	Grace Curling—ID	X	.25
14	America's Sweetheart—ID	X	.75	31	Graf Zeppelin—FD	X	.35
7	Andre Csizik—S-C	X	.35	7	Greater Glory—S-C	X	2.00
13	Andrea Ericson—ID	X	.35		Gretel—S-C	X	.35
19	Andree Bayscellance—ID	X	1.00	19	Harriet Hootor—ID	X	.35
19	Anna Benedict—ID	X	.50	30	Haslerova—FD	X	.75
12	Arelida Lloyd—ID	X	.50	19	Heracles—ID	X	
29	Aztec Chief—FD	X		4	Hillside Beauty—IC	X	
14	Bagdad—ID	X	.35	5	Hillside Gold—St.C	X	3.00
8	Ballego's Surprise—S-C	X	.75	4	Hillside Joy—S-C	X	
5	Ballerina—St.C	X		17	Hillside Sunset—ID	X	4.00
19	Bandoeng—ID	X	1.50	28	Honey Dew—FD	X	.75
30	Beethoven—FD	X	3.50	13	H. R. S.—ID	X	.35
6	Bernice Geer—IC	X	1.50	14	Hunt's Velvet Wonder—ID	Y	.50
7	Bette Davis—S-C	X			Imperial Pink—ID	X	.50
31	Big Four—FD	X	2.00	12	Incandescent—ID	X	
29	Blue River—FD	X	.50		Indiana Moon—ID	X	.35
17	Brilliant Lady—ID	X	3.00	7	Isis—S-C	X	1.00
30	Buckeye Bride—FD	X	.50	12	Jane Cowl—ID	X	.35
15	California Idol—ID	X	.50		Jean Kerr—FD	X	.25
13	Carl G. Dahl—ID	X	1.00	5	Jean Parturet—St.C	X	.75
30	Cavalcade—FD	W-X	.35	9	Jean Trimbee—S-C	X	.50
	Ceskoslovensky Triumph—S-C	X			Jersey Beacon—FD	X	.35
	Chamberlain—S-C	X	1.00	30	Jersey Beauty—FD	W-X	.35
12	Charmer—ID	X	.50	5	Jersey Dainty—St.C	X	.35
11	Cherokee Brave—ID	X	2.00	30	Jersey White Beauty—FD	X	.75
15	Cherokee Rose—ID	X	1.00		Jessica Dragonette—S-C	X	.75
10	City of Cleveland—ID	X	.50	17	Jim Baxter—ID	X	1.00
	City of Trenton—ID	X	.35	14	Jimmie Foxx—ID	X	1.00
14	Clara Barton—ID	X	.35	16	Joseph E. Mitchell—ID	X	3.00
17	Clara Carder—ID	X	.50	11	Josephine G.—ID or S-C	X	.35
4	Class—FD	X		17	Joyce Louise—ID	X	1.00
9	Color Sergeant—S-C	X	.35	19	Judge Samuel Seabury—ID	X	.50
9	Confucius—S-C	X		8	Julius C. Bunge—S-C or IC	X	1.50
8	Consul Gen. Quist—S-C	X	1.50	10	Kardinal van Rossum—S-C	X	.50
29	Cossack—FD	X	.35	7	Karl Bonawitz—S-C	X	.50
4	Crowning Glory—IC	X		17	Kathleen Norris—ID	X	.50
28	Dahladel Gold—FD	X	.50	17	Katie K.—ID	X	1.50
	Dai Wong—ID	X	1.50	7	Kay Francis—S-C	X	.50
29	Darcy Sainsbury—FD	X	1.00	15	Kemp's Violet Wonder—ID	X	.35
18	Dean Anderson—ID	X	.75	30	Kentucky—FD	W-X	.35
30	Deep Purple—FD	X	7.50	12	Kentucky Dawn—ID	Z	1.50
27	Democracy—FD	X	.50	15	Kentucky Sportsman—ID	X	1.50
C	DeMolay—FD	X	10.00	28	Kentucky Sun—FD	X	.50
11	Dixie Ravenscroft—ID	X	.35	9	Kentucky Sweetheart—S-C	X	5.00
19	Dokoupil's Ideal—ID	X		11	Kilgore's King—ID	X	1.00
6	Dominant—IC	X	1.00		Kilgore's Lucifer—S-C or IC	X	.65
9	Dorcas Ann—S-C	X	.35	7	Koki—S-C	X	1.50
18	Doris Arleen—ID	X		6	Lady Alice—IC	X	2.00
	Dorothy Duke—ID	X	.25	8	Laetare—S-C	X	.50
5	Dr. Helmut Spat—St.C	X	.35		Langeloth—ID	X	1.00
	Dr. John Carman—FD	X	.25	6	Leiden's Elegance—IC	X	.35
12	Duchess—ID	X	.75	6	Lilac Glory—IC	X	.35
5	Dulcinea—St.C	X		7	Limelight—S-C	X-Y	1.50
19	Dwight W. Morrow—ID	X-Y	.75	30	Lois Walcher—FD	X	3.00
14	Eagle Rock Fantasy—ID	X	.75	10	Lord of Autumn—ID	X	.75
10	E. B. Hutchings—S-C	X		31	Luella Cass—FD	X	.50
9	Edna Ferber—S-C	X	.50	4	Lynn Fontanne—S-C to ID	X	
30	Elite Glory—FD	X	.35	12	Mabel S. Douglass—ID	X	.35
30	Elite Sport—FD	X	.50	9	Maestro—S-C	X	
5	Ella May—C	X	.35	9	Maffie—S-C	X	
	Emanuel's Beauty—FD	X	.35	4	Maid Marion—ID	X	
8	Enkart Prima—S-C	X	1.50	13	Manhattan—ID	X	10.00
11	Eva Hunt—ID	X	.50	19	Man O'War—ID	X	.50
7	Evelyn Chandler—S-C	X		17	Margaret W. Wilson—ID	X	.35
14	Eventide—ID	X	5.00	5	Margrace—ID	X	.50
	Figaro—SC	X		5	Marietta E.—St.C	X	2.00
31	Fire Ball—FD	X	.75	4	Marion Smith—ID	X	
6	Flash—IC or S-C	X	7.50	27	Mary Ellen—FD	X-Z	.50
14	Forest Fire—ID	X	.50	28	Maryland Glory—FD	X	.35
13	Fort Monmouth—ID	X	.50	4	Mary Lynn Dudley—S-C	X	
	Fort Washington—FD	Z	.35	9	Mary Retzer—S-C	X	.50
28	Francis Larocca—FD	X	.25	4	Mary Taylor—IC	X	Net
5	Frau Ida Mansfield—St.C	X	.50				3.50
27	Frau Marie Kipke—FD	X	.50	6	Mascotte—IC	X	.75
8	Frau O. Bracht—S-C or C	X	.75		Mayor Frank Otis—ID	X	
15	Freckles—ID	X	1.00	11	Megan Callaghan—ID	X	
	Freda George—ID	X	1.00	4	Michigan Radiance—S-C	X	
				11	Michigan White—ID	X	2.00
				19	Mid-West Champion—ID	X	.50

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15	Milton J. Cross—ID	X	\$.50		27	Thomas A. Edison—FD	Y	\$.50	
17	Minnora—ID	X-Z	\$.50			Thunderbolt—IC	X		\$2.50
9	Miriam Hopkins—S-C or ID	X	\$.75	\$.50	9	Treasure Chest—S-C	W-X	\$.75	\$.50
5	Miss Belgium—St.C.	X	\$.50	\$.35	31	Treasure Island—FD	X-Y	\$.50	\$.35
10	Miss Elsie Jane—S-C	X	\$.50	\$.50	7	Tropic Star—S-C	X		\$.50
12	Miss Engelwood—ID	X	\$.75	\$.50	29	Victory—FD	X	5.00	1.50
8	Miss Glory—S-C	X	\$.75	\$.50	10	Virginia Rute—ID or S-C	X	3.00	2.00
29	Miss Oakland—FD	X	\$.75	\$.50	16	Virginia Shipley—ID	X	3.00	2.00
6	Miss Ohio—IC	X	\$.75	\$.50	28	Volcano—FD	X	1.50	1.00
	Mme. C. Jussiant—IC	X	3.00	1.00	17	Watchung Giant—ID	X	1.00	.65
6	Mme. George Pezant—IC	X	\$.75	\$.50	15	White Abundance—ID	X	\$.50	\$.50
9	Model 999—S-C	X	3.00	2.00	16	White Duchess—ID	Y	\$.50	
28	Mona Gold—FD	X	\$.50		27	White Prolific—FD	W-X	\$.35	
28	Monarch of the East—FD	X	1.00	\$.50	14	White Wonder—ID	X	\$.35	
28	Monmouth Champion—FD	X	\$.35		31	W. H. T.—FD	X	\$.35	
16	Monmouth Queen—ID	X	\$.35			Windsor Colonel—ID	X	3.00	1.00
C	Mother Maytrott—ID	X	2.00	1.30	28	Wotana—FD	X	5.00	2.00
16	Mother's Day—ID	X	5.00	1.50	6	Yellow Giant—IC	X	5.00	3.25
4	Mrs. Bradley Geist—FD	X		2.00	10	Yellow Glory—S-C	X-Z	5.00	3.25
5	Mrs. Bruce Collins—St.C.	X-Y	\$.50			Yellow Marvel—FD	X	\$.75	
32	Mrs. Frances E. Bullard—P	X	\$.35		9	Your Lucky Star—S-C	X	3.00	1.00
19	Mrs. George LeBoutillier—ID	X	\$.50	\$.50	10	Yowu-Matsuoka—S-C or C	X	1.50	1.00
5	Mrs. Herbert O'Connor—St.C.	X	\$.50	\$.50	7	Zuiwn—S-C or St.C.	X	\$.75	\$.50
28	Mrs. I. de Ver Warner—FD	X	\$.25		MINIATURE DAHLIAS				
29	Mrs. James Albin—FD	X	3.50	1.25	37	Andries' Orange—M S-C	V	\$.75	\$.50
	Mrs. Wm. S. Knudsen—ID	Z	1.00	\$.50	36	Baby Royal—M P or M S-C	V	\$.35	
18	Murphy's Masterpiece—ID	X	\$.75	\$.50	39	Baby Sagamore—MFD	V	\$.50	\$.50
14	Myra Howard—ID	X	\$.50		38	Beechfield White—M ID	V	\$.50	
14	Nagels' Giant—ID	X	2.00	1.30	4	Betsy—M St.C.	V		1.00
5	Nagels' Orange—St.C.	X		\$.50	36	Bishop of Landaff—M P	V	\$.35	
6	Nancy Ann Mitchell—IC	X		2.00	39	Bluebird—M FD	V	\$.50	
13	Nancy Gene—ID	X	2.00	\$.75	39	Buckeye Baby—M FD	V	\$.50	\$.35
16	Norma Morton—ID	X		1.50	37	Chris—M St.C.	V	\$.50	
	Oakland Beauty—FD	X		2.50	38	Cinnamon Gem—M ID	V	2.50	1.00
29	Oakleigh Monarch—FD	X	\$.50	\$.50	37	Dahlia del Joy—M C	V	\$.50	\$.50
29	Omar Khayyam—FD	X	\$.35		39	Diana Jean—M FD	V	\$.50	
29	On Parade—FD	X	\$.50		37	Dianne—M S-C	V	2.00	\$.75
12	Opal—ID	X	\$.75	\$.50	37	Dubonnet—M S-C	V	\$.75	\$.50
9	Pacifica—S-C or ID	X		2.50	39	Fairy—M FD	V	\$.35	
18	Palisades—FD	X	\$.50		38	Forest Fire, Jr.—M ID	V	\$.75	\$.50
18	Palo Alto—ID or S-C	X	\$.50	\$.50	39	Happy—M FD	V	1.00	
8	Paul Pfitzer—S-C	X	\$.50	\$.50	39	Helly Boudewijn—M FD	V	\$.50	
15	Peace—ID	X	1.00	.65	37	Jamboree—M S-C	V	\$.50	
10	Peppermint Candy—ID	X	\$.50	\$.50	38	Jean—M ID or M S-C	V	\$.35	
30	Phantom—FD	X	\$.50	2.00	4	Jeanie—M ID	V		1.00
13	Pink Giant—ID	X	5.00	\$.50	39	Joyce Ann—M FD	V	\$.50	\$.35
6	Pink Spiral—IC	X	\$.50		39	Judy—M FD	V	2.00	\$.75
29	Pius XI—FD	X	1.00	.65	37	Julia S.—M C	V	\$.75	\$.50
	Plue d'Or—IC	X		\$.75	39	Lakeside Babe—M FD	V	\$.75	\$.50
16	Pot O'Gold—ID	X	\$.35	\$.50	37	Little Diamond—M S-C	V	1.50	1.00
7	Prachtkehl—S-C	X	\$.50	\$.50	37	Little Miss Prim—M St.C.	V	2.00	1.30
15	Premier's Majestic—ID	X	2.00	1.00	39	Little Nemo—M FD	V	\$.50	\$.75
13	Premier's Winsome—ID	X	3.00	\$.50	38	Market Jewel—M S-C	V	\$.50	
9	Pride of America—S-C	X	\$.75	\$.50	39	McKay's Purity—M FD	V	\$.50	
18	Pride of Austinburg—ID	X	\$.75	\$.50	38	Nesthakchen—M S-C	V	\$.50	\$.35
11	Producer—ID	X	5.00	2.00	38	Niome—M ID	V	\$.50	\$.50
13	Progress—ID	X	7.50	2.50	36	Olympic Fire—M P	V	\$.50	
27	Purple Mist—FD	X	\$.75	\$.50	39	Orchid Lady—M FD	V	\$.50	1.00
31	Queen City—FD	X	\$.50		4	Pee Wee—M FD	V	3.00	1.00
12	Ray Warner—ID	W-X	\$.75	\$.50	38	Petit Sonne—M S-C	V	\$.75	\$.50
8	Red Jug—S-C	X	\$.75	\$.50	36	Pink Daisy—M P	V	\$.50	
28	Red Salute—FD	X	1.00	.65	36	Pink Lassic—M P	V	1.00	.65
6	Red Spider—IC	X	\$.50	\$.50	40	Purp—M FD	V	2.00	\$.75
17	Rita Wells—ID	X	5.00	1.50	36	Raider—M P	V	\$.25	
18	Robert Emmet—ID	X	\$.50		38	Raleigh—M ID	V	\$.35	
15	Robert L. Ripley—ID	X	1.50	1.00	38	Rapture—M ID	V	\$.50	
4	Rose Marie—ID	X		5.00	38	Red Cap, Jr.—M S-C	V	\$.35	
31	Rosemary—FD	X-Y	1.00	\$.50	3	Red Eye—M P	V	3.00	1.00
12	Rosy Morn—ID	X		\$.75	40	Red Head—M FD	V	\$.35	
8	Roulette—S-C	X	2.50	1.00	39	Red Robin—M FD	V	2.00	1.30
19	Royal Pennant—ID	X	1.00	.65	40	Rose Beauty—M FD	V	\$.35	
6	Royal Purchase—IC	X	\$.75	\$.50	38	Salmon Baby—M S-C	V	3.00	1.00
19	Rudolf's Giant—ID	X	2.00	1.30	38	Sanhican's Sweetheart—M S-C	V	\$.35	
	Rudy Vallee—S-C	X	\$.50	\$.50	38	Snowsprite—M S-C	V	\$.75	\$.50
5	Saarland's Heimkehr—St.C.	X	\$.50	\$.50	40	Sylvia—M FD	V	\$.75	\$.50
10	Salmon Giant—S-C	X	\$.50	\$.50	40	Tangerine—M FD	V	\$.35	
17	San Francisco—ID	X	4.00	2.65	37	Tip—M S-C	V	1.50	1.00
27	Sanhican's Cameo—FD	X	\$.35		40	Tip Top—M FD	V	\$.75	\$.50
7	Satan—S-C	X	\$.50	\$.50	38	Trojan—M S-C	V	\$.50	
16	Sheldon's Louise—ID	X	1.00		40	Vermillion Brilliant—M FD	V	\$.75	\$.50
16	Silver Lady—ID	X	5.00	3.00					
	Sleepy Hollow—IC	X		1.00	34	ANEMONE DAHLIAS			
2	Snowcrest—IC	X	7.50	2.50	32	BALL DAHLIAS			
6	Son of Satan—IC or S-C	X	1.50	\$.50	34	COLLARETTE DAHLIAS			
	Star of Bethlehem—S-C or ID	X		\$.50	33	DWARF DAHLIAS			
13	Straight's White—ID	X		1.00	34-35	ORCHID FLOWERING DAHLIAS			
27	Sultan of Hillcrest—FD	X	\$.50		40-41	POMPON DAHLIAS			
10	Sunrays—ID	X	3.00	1.00	35-36	SINGLE DAHLIAS			
10	Tante Stien—ID	X		\$.50	44-45 DAHLIADEL COLLECTIONS				
11	Tarzan—Z	\$.50			43	CHRYSANTHEMUMS			
11	Television—ID	X	1.50	1.00	44	FORMOSANUM (Philippinense) LILIES			
	The Commodore—ID	Y	\$.35	\$.35					
11	The Fireman—ID	X	\$.50						
31	The Governor—FD	X	4.00	2.65					
5	The Ohioan—St.C.	X	\$.75	\$.50					
11	The Universe—ID	X	\$.50						
30	The World—FD	W-X	\$.35						



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DAHLIADEL PLANT FOOD—Made especially for dahlias, of the highest grade materials, for the production of fine flowers and strong roots, to supply a balanced food available as needed by the plant. Economical and good for all outdoor flowers and vegetables.

Directions: Spring application, 3 to 6 lbs. to each 100 square feet. August application, 3 to 4 lbs. This may be divided into three applications, but not over 10 lbs. to ten hills should be applied during a season.

Registered in New Jersey only, shipments into other states prohibited except in small parcel post shipments at the same prices as Potash.

Prices, F.O.B. factory in Philadelphia, 50 lbs., \$2.50; 100 lbs., \$4.50; 200 lbs., \$8.00; ton, \$70.00.

POTASH (Muriate) or POTASH (Sulphate). To use in making up your own mixture. 4 lbs. postpaid including 4th zone 55c; add 10c for each zone beyond 4th. 8 lbs. for \$1.00 postpaid, 4th zone; add 20c for each zone beyond 4th.

DAHLIADEL DIP. A mixture of Sulphur and Gypsum for dipping cut portions of dahlia roots when dividing. 1 3/4 lbs. for 30c; 4 1/2 lbs. for 55c, postpaid 4th zone; add 5c or 10c respectively for each zone beyond 4th.

PYRETHRUM SOAP. A non-poisonous insecticide effective on most insect life and not injurious to animals or plants. Will not burn foliage or buds. A desirable spray for aphids and for thrips and leafhoppers when used with Black Leaf Forty. Four ounces make 4 to 5 gallons of spray. Postpaid, including the 4th zone, 4 oz., 50c; 8 oz., 85c; quart, \$2.00; gal., \$7.00.

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CYPRESS STAKES. 1" square, 4 ft. long. Suitable for supporting dahlias of medium growth. Bundle of 25, \$1.50; per 100, \$5.00. F.O.B. Vineland.

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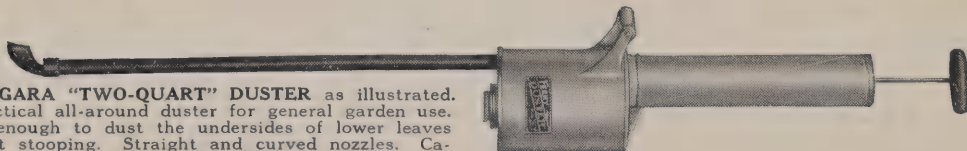
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15

TOTAL

25c

MUST BE INCLUDED WITH ALL PLANT ORDERS TO COVER SPECIAL DELIVERY. 15c MAY BE SENT FOR SPECIAL HANDLING INSTEAD WHERE THERE IS NO SPECIAL DELIVERY SERVICE AT POST OFFICE OF DESTINATION. WE PAY ALL REGULAR POSTAGE.



MOTHER MAYTROTT (Informal Decorative)

MOTHER MAYTROTT (Berwick-Dahliadel 86A), Bloom 11 x 7, Bush 4½ ft. This pure white dahlia, of artistic form, was the first of our introductions to be given our family name. It has been grown and shown all over the United States, and in Australia is rated the best American white. The stems are perfect and the foliage dark and insect-resistant. Blooms arrange easily and have excellent keeping qualities. It won a Certificate at Storrs, O.V.D.A. and an Award of Honor at Georgia. Has had an imposing array of winnings to its credit throughout the country. While a poor root maker, it is indeed a worthwhile acquisition when properly grown. Any added cultural effort pays good dividends.

Roots, \$2.00; Pot Roots, \$1.30; Plants, .75



YELLOW GLORY